January 1961 Volume 7 Number 1

CONSTRUCTION REVIEW

- *Expenditures*
- *Starts*
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- *Permits*
- *Costs*
- *Employment*

SHIPMENTS of WARM AIR FURNACES

CONSTRUCTION ABROAD

U.S. DEPARTMENT OF COMMERCE
Business and Defense Services Administration

U.S. DEPARTMENT OF COMMERCE

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CONSTRUCTION REVIEW

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(The above series include data for Alaska and Hawaii unless otherwise noted.)

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CONSTRUCTION . . . *At a Glance*

Indicator	Current period 1 year ago	Previous period	Current period	Current reference period
Value put in place: *(In billions of dollars)* **Total new construction**	55.4	55.0	54.8	December 1960 *Seasonally adjusted annual rate*
Private construction	40.1	38.7	38.9	December 1960 *Seasonally adjusted annual rate*
Public construction	15.3	16.3	16.0	December 1960 *Seasonally adjusted annual rate*
Private housing starts *(Thousands of units)*	1,356	1,253	1,235	November 1960 *Seasonally adjusted annual rate*
Number of FHA applications, new private nonfarm dwelling units *(In thousands)*	21.5	23.4	18.9	November 1960
Contract awards: *(In millions of dollars)* **Total public contract awards**	889	1,068	1,083	October 1960
Highways contract awards	262	418	455	October 1960
F. W. Dodge Corp. index of contract awards *(1947-49 = 100)*	231	294	280	November 1960 *Seasonally adjusted*
Department of Commerce composite cost index *(1947-49 = 100)*	142	143	144	October 1960
Composite materials output index *(1947-49 = 100)*	121.7	130.7	129.9	September 1960 *Seasonally adjusted*
Wholesale price index, all construction materials *(1947-49 = 100)*	135.0	131.1	130.6	November 1960
Contract construction employment: **Number of employees** *(In thousands)*	2,792	2,806	2,787	November 1960 *Seasonally adjusted*
Average hourly earnings	3.18	3.31	3.32	October 1960
Average weekly hours	37.0	37.2	37.8	October 1960

THE ECONOMY . . . *At a Glance*

Indicator	Current period 1 year ago	Previous period	Current period	Current reference period
Gross national product *(In billions of dollars)*	481.4	505.0	503.5	Third quarter 1960 *Seasonally adjusted annual rate*
Personal saving *(In billions of dollars)*	22.5	25.2	29.2	Third quarter 1960 *Seasonally adjusted annual rate*
Government purchases of goods and services *(In billions of dollars)*	98.1	98.6	100.7	Third quarter 1960 *Seasonally adjusted annual rate*
Corporate profits after taxes *(In billions of dollars)*	22.9	23.4	21.3	Third quarter 1960 *Seasonally adjusted annual rate*
New plant and equipment expenditures *(In billions of dollars)*	35.2	35.6	34.9	First quarter 1961 (*anticipated*) *Seasonally adjusted annual rate*
Retail sales *(In billions of dollars)*	17.5	18.4	18.2	December 1960 (advance estimate) *Seasonally adjusted*
Consumer credit outstanding *(In billions of dollars)*	50.5	54.3	54.6	November 1960
Manufacturing inventories *(In billions of dollars)*	51.6	54.4	54.1	November 1960 Seasonally adjusted
Manufacturers' unfilled orders *(In billions of dollars)*	51.5	46.4	45.5	November 1960 *End of the month, unadjusted*
Industrial production index *(1957=100)*	103	107	105	November 1960 *Seasonally adjusted*
Wholesale industrial prices index *(1947-49=100)*	128.5	128.0	127.8	November 1960
Nonagricultural employment *(In millions)*	60.9	61.5	61.1	December 1960
Unemployment *(As a percent of the civilian labor force)*	5.5	6.3	6.8	December 1960 *Seasonally adjusted*
Average weekly hours worked in manufacturing industries	40.6	39.2	38.8	December 1960

Construction Comments

CONSTRUCTION ABROAD

A Challenge to American Contractors

This month's Construction Comments is devoted to a presentation of the problems of the U. S. construction industry abroad as discussed by representatives from the engineering and heavy construction industry at a conference recently convened by the Secretary of Commerce. The meeting was called as part of the concentrated Export Trade Expansion Program being spearheaded by the Department of Commerce. Minutes of the conference may be obtained by request to the Construction Industry Division, Business and Defense Services Administration, U. S. Department of Commerce, Washington 25, D. C.

The U. S. construction industry has many urgent reasons for increasing its foreign operations. Over two-thirds of the world's population lives in underdeveloped areas. Costly, river control programs, rail and highway networks, and giant industrial complexes must be built if world living standards are to rise. Thus, great opportunities exist for U. S. engineers and contractors to undertake projects that are vital to the economic progress of these areas.

Through greater foreign construction activity, the highly regarded U. S. construction industry will not only find new fields for profitable operations, but will accomplish other important objectives. In the sphere of international economics, more U. S. contracting and engineering abroad would help reduce the present deficit in the U. S. balance of payments, now exceeding an annual rate of $4 billion. Furthermore, the participation of U. S. construction, among other endeavors in the programs of the young African and Asian nations would reinforce U. S. friendship in these underdeveloped areas while averting Communist inroads. The increased use of U. S. equipment and machinery stimulated by such foreign construction projects would also have the effect of further narrowing the balance of payments deficit.

Many problems hamper increased overseas participation by U. S. firms in foreign projects. Most foreign governments and enterprises lack sufficient domestic capital to finance projects; therefore long-term outside financing must be arranged. U. S. contractors and engineers frequently report that competition in underdeveloped areas is on the basis of financing terms rather than price or quality. Foreign contractors seem to offer more favorable terms than U. S. firms. Backed by extensive credit facilities of their governments, they are often able to offer attractive, long-term loans and low cash requirements. U. S. firms must either take purchasers' notes or rely on financial assistance from the Export-Import Bank, the Development Loan Fund, the International Cooperation Administration, or other U. S. Government and international agencies--whose requirements for granting financial assistance are stringent. Some projects regarded as too risky by the U. S. Government are sometimes readily financed by other countries on liberal terms. If Government financing is unavailable, U. S. engineers and contractors frequently must take foreign purchasers' notes, which must be sold to banks at substantial discounts because construction firms usually lack resources to hold their own paper.

Competitive price bidding is another special problem facing U. S. engineering firms. U. S. Government agencies, engineering professional societies, and engineering firms have stressed that this practice is inefficient and may result in low-quality engineering services. In addition, U. S. engineers consider it professionally unethical. The statutes of many countries require that all materials and services be obtained through competitive bidding rather than by negotiation. As long as engineering services can be secured by competitive bidding, some users will continue to prefer this procedure even though it results in obtaining services of a lower quality.

The Department of State has also been increasing its emphasis on trade expansion. For example, the Foreign Service, in cooperation with the Department of Commerce, has been training additional commercial officers to assist businessmen at U. S. embassies abroad. However, the U. S. still appears to be expending less effort than other foreign countries for such activities.

Recently a special mission, staffed jointly by industry and Government specialists, visited Chile and Peru in connection with large-scale, prefabricated-housing projects. Other similar missions, concentrating attention on particular types of export business, will be considered in the future.

To assist administrators of new nations in recognizing and evaluating their requirements, the International Cooperation Administration sends technical teams to many underdeveloped areas to develop economic plans and determine how U. S. aid funds could best be used. Contractors and engineers report that the most profitable and productive opportunities to all concerned have been those where U. S. firms participated in the economic analyses to determine which projects were needed, developed the interest of local officials, and finally arranged the financing.

Even though statistics are lacking to show how much construction has been undertaken by U. S. firms in foreign countries, the potential for expansion of such work by U. S. companies is known to be large. It can be developed only through continued strong cooperation between the industry and Government.

Shipments of Warm Air Furnaces*

Shipments of warm air furnaces are expected to decrease 18 percent in 1960 from the 1959 record volume of 1,435,414 units. The 1959 shipments were made by 192 manufacturers, operating 200 plants. The 1959 total, excluding duct, gravity, and floor and wall furnaces, exceeded by 128,000 units the previous high, in 1955, reported by the Bureau of the Census. Wall furnace shipments also reached new highs in 1959. No comparable 1955 data are available for duct furnaces.

The shipment statistics, obtained in a survey of the warm air furnace industry conducted by the Building Materials Division of the Business and Defense Services Administration, apply to floor and wall types of central, forced warm air; horizontal-suspended, forced warm air; and gravity furnaces. The data also include furnaces shipped with electric heating elements and forced warm air furnaces for year-round use.

1959

Table 1 shows shipments in 1959, by type of furnace, BTU/H (British thermal unit per hour) and value. A breakdown by type of fuel includes shipments by warm air furnace manufacturers of furnaces equipped with electric heating elements (table 2). More complete data on electric heating equipment appear in "New Statistics on the Electric Heating Industry," CONSTRUCTION REVIEW, July 1960. Value-of-shipment data, by size of manufacturer and by destination, appear in tables 3 and 4, respectively.

One of the objectives of the survey was to gather data on recent developments within the industry, such as the volume of new product shipments. Statistics were obtained on duct furnaces, a relatively new type designed for insertion in existing duct systems to supplement original equipment, as well as to supply heat requirements in a wide variety of installations. Survey results indicate that suspended horizontal forced warm air furnaces, originally designed for specific residential applications, have grown in popularity and are being used increasingly in commercial and industrial installations. Use of electric heating elements in warm air furnaces is also expanding, and the industry expects this trend to continue.

Data on all types of heating equipment manufactured by the warm air furnace industry were obtained in the survey, whereas they are not included in the Census figures (tables 5 and 6). However, the respective statistics are reasonably comparable if electric furnaces, floor and wall electric, duct furnaces and suspended horizontal units are considered.

1960

Warm air furnace shipments are expected to decrease 18 percent in 1960 from the 1959 level, in line with a decline in single-family housing starts, the principal market for this type (table 7).

THE 1961 OUTLOOK

Shipments of warm air furnaces have traditionally been closely related to the number of new one- and two-family housing starts. On the basis of the current trend, such starts probably will not exceed 1960. If, however, there should be some governmental stimulus during 1961, there may be an increased rate of single-family starts during the latter half of the year. Of great importance to warm air furnace manufacturers is the volume of replacement and modernization, and rehabilitation of existing homes. Outlays for these purposes are expected to increase in 1961. New markets seem to be developing for suspended, horizontal-type furnaces.

Shipments of warm air furnaces in 1961 should approximate 1960 levels.

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*Prepared under the supervision of Charles P. Redick, Director, Building Materials Division, Business and Defense Services Administration, U. S. Dept. of Commerce.

Table 1.—U. S. Shipments of Warm Air Furnaces According to BTU/H Output, by Type, 1959

(Quantity in units)

Type	Quantity			Value
	Total	0-150,000 BTU	Over 150,000 BTU	
Central, forced warm air	1,311,246	1,264,196	47,050	.....
Horizontal, suspended forced warm air	124,168	115,615	8,553	.....
Gravity air flow	103,502	102,798	704	.....
Subtotal	1,538,916	1,482,609	56,307	$250,685,158
Duct type	66,474	49,080	17,394	.....
Floor type	192,037	190,972	1,065	.....
Wall type	561,971	561,971	0	.....
Subtotal	820,482	802,023	18,459	$60,627,155
Total	2,359,398	2,284,632	74,766	$311,312,313

Source: U. S. Department of Commerce, Business and Defense Services Administration, Building Materials Division.

Table 2.–U. S. Shipments of Warm Air Furnaces, by Type of Fuel, 1959

(In units)

Type of furnace	Total, all fuels	Solid fuels	Oil	Gas	Electric
Total	2,359,398	37,103	512,577	1,698,508	111,210
Cast iron, total	30,821	12,194	271	18,356	0
Steel, total	2,328,577	24,909	512,306	1,680,152	111,210
Central, forced warm air, including year-round air conditioners:					
Cast iron	18,794	204	265	18,325	0
Steel	1,292,452	14,029	300,867	972,276	5,280
Horizontal suspended:					
Steel	124,168	0	23,128	101,040	0
Gravity air flow:					
Cast iron	12,027	11,990	6	31	0
Steel	91,475	10,880	55,788	24,807	0
Duct type:					
Steel	66,474	0	23,460	43,014	0
Floor furnaces:					
Steel	192,037	0	79,221	111,078	1,738
Wall furnace:					
Steel	561,971	0	29,842	427,937	104,192

Source: U. S. Department of Commerce, Business and Defense Services Administration, Building Materials Division.

Table 3.–Value of U. S. Shipments of Warm Air Furnaces, by Size of Manufacturer, 1959

Shipment volume group	Number of manufacturers	Value of shipments	Percent of total
Total	200	$311,312,313	100.0
0-$50,000	40	841,278	0.3
50,001-100,000	15	1,134,190	0.4
100,001-250,000	19	2,947,982	0.9
250,001-500,000	26	9,985,139	3.2
500,001-1,000,000	31	23,351,904	7.5
1,000,001-2,000,000	27	39,322,514	12.6
2,000,001-5,000,000	20	55,534,272	17.9
Over $5,000,000	22	178,195,034	57.2

Source: U. S. Department of Commerce, Business and Defense Services Administration, Building Materials Division.

Table 4.–Manufacturers Shipments of Warm Air Furnaces, by Census Geographic Division Destination, 1959

Destination	Shipments	
	Value	Percent of total
Total	$311,312,313	100.0
New England	12,484,199	4.0
Middle Atlantic	37,046,691	11.9
East North Central	72,343,131	23.2
West North Central	29,808,765	9.6
South Atlantic	31,620,552	10.2
East South Central	11,032,338	3.5
West South Central	24,796,400	8.0
Mountain	13,253,911	4.2
Pacific	38,187,104	12.3
Exports	820,048	0.3
Shipment destination not known–17 plants	39,919,174	12.8

Source: U. S. Department of Commerce, Business and Defense Services Administration, Building Materials Division.

Table 5.–Unit Shipments of Warm Air Furnaces, 1950-59

(Thousands of units)

Year	Grand total	Forced warm air and gravity			Floor and wall		
		Total	Forced	Gravity	Total	Floor	Wall
1950	1,786	1,100	840	260	686	474	212
1951	1,378	871	665	206	507	302	205
1952	1,475	927	765	162	548	287	261
1953	1,547	996	863	133	551	221	330
1954	1,736	1,152	1,034	118	584	218	366
1955	2,020	1,406	1,307	99	614	203	411
1956	1,847	1,355	1,272	83	492	167	325
1957	1,600	1,131	1,068	63	469	127	342
1958	1,730	1,235	1,175	60	495	114	381
1959	2,058	1,410	1,306	104	648	190	458

Source: 1950-58–Facts for Industry and Current Industrial Reports, Heating and Cooking Equipment, Bureau of the Census; 1959-BDSA survey.

Table 6.–Value of Shipments of Warm Air Furnaces, 1950-59

(Millions of dollars)

Year	Grand total	Forced warm air and gravity			Floor and wall		
		Total	Forced	Gravity	Total	Floor	Wall
1950	245	205	175	30	40	28	12
1951	211	180	152	28	31	19	12
1952	222	188	166	22	34	19	15
1953	233	197	179	18	36	15	21
1954	260	223	207	16	37	16	21
1955	303	264	250	14	39	14	25
1956	296	261	249	12	35	13	22
1957	246	214	205	9	32	10	22
1958	258	226	217	9	32	9	23
1959	280	243	235	8	37	8	29

Source: 1950-58–Facts for Industry and Current Industrial Reports, Heating and Cooking Equipment, Bureau of the Census; 1959-BDSA Survey.

Table 7.–Value of Unit Shipments Warm Air Furnaces, by Month, 1960

(Dollars)

Month	Grand total	Forced warm air and gravity			Floor and wall		
		Total	Forced	Gravity	Total	Floor	Wall
Total	1,696,368	1,222,151	1,173,070	49,081	474,217	94,295	379,922
January	106,607	78,277	75,828	2,449	28,330	4,136	24,194
February	108,248	79,889	77,074	2,815	28,359	4,882	23,477
March	116,601	82,807	80,190	2,617	33,794	6,319	27,475
April	122,833	86,817	84,510	2,307	36,016	7,092	28,924
May	122,868	88,495	85,772	2,723	34,373	5,456	28,917
June	140,209	107,366	104,372	2,994	32,843	4,839	28,004
July	133,681	99,232	95,157	4,075	34,449	5,069	29,380
August	179,321	131,773	125,816	5,957	47,548	12,230	35,318
September	202,000	147,495	140,351	7,144	54,505	15,272	39,233
October	199,000	134,000	127,000	7,000	65,000	17,000	48,000
November	149,000	105,000	100,000	5,000	44,000	8,000	36,000
December	116,000	81,000	77,000	4,000	35,000	4,000	31,000

Source: January-September–Bureau of Census, Current Industrial Reports, Heating and Cooking Equipment; October-December–estimates by Building Materials Division, BDSA.

STATISTICAL SERIES

Part A.—Construction Put in Place

NOTE: The monthly estimates in Part A are determined primarily by past contract award movements, standard progress patterns, and assumed normal seasonal movements. Except when special surveys are undertaken, as was done during the 1959 steel strike, they do not reflect the effects of varying numbers of working days in given months, nor of special conditions influencing the volume of activity in any given month, such as unusual weather, materials shortages, overtime, work stoppages, and delays.

Table A-1.—New Construction Put in Place in the United States: Current Value and Relative Changes, by Type of Construction

Type of construction	Value (*in millions of dollars*)							Percent change		
	1960			1959	Annual totals		Seasonally adjusted annual rate Dec. 1960	Year 1959-60	Dec. 1960 from	
	October	November	December	December	1959	1960			Nov. 1960	Dec. 1959
TOTAL NEW CONSTRUCTION	r5,063	r4,774	4,363	4,410	56,206	55,017	54,835	- 2	- 9	-1
PRIVATE CONSTRUCTION	r3,484	r3,398	3,149	3,247	39,949	38,956	38,884	- 2	- 7	- 3
Residential buildings (nonfarm)	r1,949	r1,885	1,739	1,901	24,469	22,067	21,978	- 10	- 8	- 9
New dwelling units	r1,443	r1,398	1,305	1,508	19,233	16,466	16,133	- 14	- 7	- 13
Additions and alterations	r424	r400	344	322	4,468	4,680	4,813	+ 5	- 14	+ 7
Nonhousekeeping	82	87	90	71	768	921	1,032	+ 20	+ 3	+27
Nonresidential buildings	912	923	872	805	8,859	10,008	10,121	+ 13	- 6	+ 8
Industrial	256	263	265	216	2,106	2,861	2,982	+36	+ 1	+ 23
Commercial	372	382	357	340	3,930	4,064	4,214	+ 3	- 7	+ 5
Office buildings and warehouses	185	189	178	170	1,954	2,064	2,066	+ 6	- 6	+ 5
Stores, restaurants, and garages	187	193	179	170	1,976	2,000	2,148	+ 1	- 7	+ 5
Other nonresidential buildings	284	278	250	249	2,823	3,083	2,925	+ 9	-10	(1)
Religious	96	94	73	83	947	1,016	845	+ 7	-22	- 12
Educational	55	54	52	46	525	580	592	+10	- 4	+ 13
Hospital and institutional	51	52	52	49	570	579	631	+ 2	0	+ 6
Social and recreational	62	58	53	49	550	671	641	+ 22	- 9	+ 8
Miscellaneous	20	20	20	22	231	237	216	+ 3	0	- 9
Farm construction	r106	r100	89	104	1,362	1,286	1,184	- 6	-11	-14
Public utilities	r490	463	426	415	5,052	5,312	5,320	+ 5	- 8	+ 3
Telephone and telegraph	r 97	92	86	85	952	1,088	1,081	+14	- 7	+ 1
Other public utilities	393	371	340	330	4,100	4,224	4,239	+ 3	- 8	+ 3
All other private	27	27	23	22	207	283	281	+37	- 15	+ 5
PUBLIC CONSTRUCTION	r1,579	r1,376	1,214	1,163	16,257	16,061	15,951	- 1	-12	+ 4
Residential buildings	r 60	r 59	58	60	962	715	682	- 26	- 2	- 3
Nonresidential buildings	r443	r404	386	326	4,514	4,743	5,031	+ 5	- 4	+18
Industrial	r35	r37	34	33	368	417	408	+13	-8	+ 3
Educational	266	r 239	235	192	2,656	2,820	2,992	+ 6	- 2	+ 22
Hospital and institutional	34	33	31	31	428	400	397	- 7	- 6	0
Administrative and service	58	50	45	36	568	593	r 640	+ 4	-10	+ 25
Other nonresidential buildings	50	r45	41	34	494	513	594	+ 4	- 9	+ 21
Military facilities	r 135	r125	113	110	1,488	1,324	1,468	-11	- 10	+ 3
Highways	604	r487	402	418	5,916	5,685	5,287	- 4	- 17	- 4
Sewer and water facilities	128	r119	113	115	1,467	1,488	1,489	+ 1	- 5	- 2
Sewer	72	67	64	72	906	882	821	- 3	- 4	- 11
Water	56	r52	49	43	561	606	668	+ 8	- 6	+14
Public service enterprises	66	r 55	43	37	551	651	664	+18	- 22	+ 16
Conservation and development	121	r 106	79	84	1,130	1,230	1,034	+ 9	- 25	- 6
All other public	22	21	20	13	229	225	296	- 2	- 5	+ 54

Source: Department of Commerce, Bureau of the Census. [1] Change of less than one-half of 1 percent. [r] Revised.

Table A-1 (Sup.)—New Construction Put in Place in the United States, January 1959-September 1960 (Rev. 1/61)

(Millions of dollars)

Type of construction	1959										
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Total New Construction	3,810	3,579	3,942	4,391	4,836	5,278	5,423	5,447	5,288	5,076	4,726
Private Construction	2,711	2,578	2,803	3,079	3,377	3,644	3,807	3,837	3,737	3,637	3,492
Residential building (nonfarm)	1,617	1,504	1,689	1,925	2,112	2,274	2,372	2,380	2,331	2,252	2,112
New dwelling units	1,313	1,207	1,353	1,493	1,610	1,758	1,842	1,866	1,842	1,778	1,663
Additions and alterations	246	240	279	375	441	451	462	444	420	407	381
Nonhousekeeping	58	57	57	57	61	65	68	70	69	67	68
Nonresidential buildings	657	638	629	632	698	774	815	826	786	789	810
Industrial	165	161	156	154	160	169	177	186	178	184	200
Commercial	274	269	271	277	323	367	382	371	351	350	355
Office buildings and warehouses	159	154	149	150	159	165	171	176	168	166	167
Stores, restaurants, and garages	115	115	122	127	164	202	211	195	183	184	188
Other nonresidential buildings	218	208	202	201	215	238	256	269	257	255	255
Religious	74	70	68	67	72	79	86	90	87	86	85
Educational	48	45	42	41	41	42	43	45	43	44	45
Hospital and institutional	46	45	45	45	46	48	49	50	48	49	50
Social and recreational	35	34	34	36	42	51	55	57	54	52	51
Miscellaneous	15	14	13	12	14	18	23	27	25	24	24
Farm construction	88	85	91	101	115	128	138	144	134	122	112
Public utilities	335	338	381	408	437	451	463	468	466	454	436
Telephone and telegraph	59	65	74	77	82	83	84	80	89	87	87
Other public utilities	276	273	307	331	355	368	379	388	377	367	349
All other private	14	13	13	13	15	17	19	19	20	20	22
Public Construction	1,099	1,001	1,139	1,312	1,459	1,634	1,616	1,610	1,551	1,439	1,234
Residential buildings	94	99	98	96	93	87	80	69	66	62	58
Nonresidential buildings	367	332	371	394	393	414	414	417	387	374	325
Industrial	29	28	29	30	31	32	29	30	29	34	34
Educational	225	198	219	231	229	244	247	241	224	219	187
Hospital and institutional	31	29	37	40	39	39	39	40	36	35	32
Administrative and service	45	43	48	50	50	53	52	57	52	45	37
Other nonresidential buildings	37	34	38	43	44	46	47	49	46	41	35
Military facilities	105	93	107	128	153	163	127	135	132	121	114
Highways	306	276	324	426	519	639	665	649	641	584	469
Sewer and water systems	107	98	110	116	122	129	137	44	140	128	121
Sewer	67	61	68	71	74	79	85	87	87	79	74
Water	40	37	42	45	48	50	52	55	53	49	47
Public service enterprises	29	25	31	38	49	55	62	67	62	52	44
Conservation and development	74	63	79	92	107	125	110	107	102	100	87
All other public	17	15	19	22	23	22	21	22	21	18	16

See footnotes at end of table.

Table A-1 (Sup.)—New Construction Put in Place in the United States, January 1959-September 1960 (Rev. 1/61)—Con.

(Millions of dollars)

Type of construction	1959		1960								
	Dec.	Jan.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total New Construction[r]	4,410	56,206	3,813	3,621	3,866	4,192	4,648	5,008	5,184	5,241	5,244
Private Construction[r]	3,247	39,949	2,870	2,737	2,875	3,022	3,265	3,474	3,580	3,559	3,543
Residential bldg. (nonfarm)	1,901	24,469	1,620	1,478	1,600	1,727	1,885	2,022	2,089	2,050	2,023
New dwelling units	1,508	19,233	1,282	1,152	1,235	1,281	1,352	1,476	1,526	1,524	1,492
Additions and alterations	322	4,468	269	259	298	378	460	469	483	446	450
Nonhousekeeping	71	768	69	67	67	68	73	77	80	80	81
Nonresidential buildings	805	8,859	773	781	761	749	784	833	860	871	889
Industrial	216	2,106	225	235	230	224	222	224	231	238	248
Commercial	340	3,930	309	313	302	297	321	348	354	351	358
Office buildings and warehouses	170	1,954	167	162	157	156	162	169	177	181	181
Stores, restaurants, and garages	170	1,976	142	151	145	141	159	179	177	170	177
Other nonresidential bldgs	249	2,823	239	233	229	228	241	261	275	282	283
Religious	83	947	80	79	76	76	79	84	89	94	96
Educational	46	525	46	44	43	43	44	46	49	51	53
Hospital and institutional	49	570	49	48	47	46	46	46	46	47	49
Social and recreational	49	550	45	45	46	48	54	62	66	67	65
Miscellaneous	22	231	19	17	17	15	18	23	25	23	20
Farm construction[r]	104	1,362	100	99	100	102	111	118	122	123	116
Public utilities	415	5,052	355	360	395	425	462	476	482	489	489
Telephone and telegraph	85	952	71	80	80	88	100	103	99	97	95
Other public utilities	330	4,100	284	280	315	337	362	373	383	392	394
All other private	22	207	22	19	19	19	23	25	27	26	26
Public Construction	1,163	16,257	943	884	991	1,170	1,383	1,534	1,604	1,682	1,701
Residential buildings	60	962	58	57	57	60	64	60	63	59	60
Nonresidential buildings	326	4,514	328	308	334	378	394	419	459	444	446
Industrial	33	368	35	29	29	33	33	35	54	32	31
Educational	192	2,656	197	183	200	223	234	249	265	263	266
Hospital and institutional	31	428	29	29	31	34	35	36	36	36	36
Administrative and service	36	568	34	33	38	48	51	55	57	62	62
Other nonresidential bldgs	34	494	33	34	36	40	41	44	47	51	51
Military facilities	110	1,488	89	61	92	88	103	126	114	135	143
Highways	418	5,916	224	241	253	356	515	586	637	687	693
Sewer and water systems	115	1,467	114	105	118	124	128	130	135	139	135
Sewer	72	906	71	65	72	76	77	79	81	81	77
Water	43	561	43	40	46	48	51	51	54	58	58
Public service enterprises	37	551	35	32	38	45	53	59	70	79	76
Conservation and development	84	1,130	80	66	84	101	107	135	107	118	126
All other public	13	229	15	14	15	18	19	19	19	21	22

Source: Department of Commerce, Bureau of the Census. [r]Revised.

Table A-2.–New Construction Put in Place in the United States: Seasonally Adjusted Annual Rates in Current and Constant* Dollars

(Millions of dollars)

Period	New construction put in place**						Private construction			
	Total		Private		Public		Residential building (nonfarm)			
							Total		New dwelling units	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1955	*44,164*	*35,334*	*32,440*	*25,661*	11,724	9,673	*18,705*	*15,078*	*14,990*	n.a.
1956	*45,779*	*34,681*	*33,067*	*24,805*	12,712	9,876	*17,677*	*13,648*	*13,535*	
1957	*47,795*	*34,944*	*33,778*	*24,469*	14,017	10,475	*17,019*	*12,903*	*12,615*	
1958	*48,903*	*35,418*	*33,491*	*23,964*	15,412	11,454	*18,047*	*13,555*	*13,552*	*10,176*
1959	56,206	39,904	39,949	27,847	16,257	12,057	24,469	17,753	19,233	13,954
	Seasonally adjusted annual rates									
1959: December	55,436	38,935	40,127	27,727	15,309	11,208	23,901	17,220	18,560	13,368
1960: January	54,726	38,404	39,894	27,592	14,832	10,812	23,244	16,728	17,808	12,804
February	54,889	38,377	39,709	27,229	15,180	11,148	22,536	16,104	17,136	12,252
March	54,419	38,081	39,263	26,993	15,156	11,088	22,392	16,056	16,860	12,084
April	54,166	37,712	38,722	26,504	15,444	11,208	21,930	15,697	16,458	11,773
May	55,260	38,680	38,916	26,596	16,344	12,084	22,180	15,820	16,516	11,788
June	55,189	38,453	39,103	26,707	16,086	11,746	22,362	15,939	16,753	11,941
July	55,390	38,602	39,035	26,651	16,355	11,951	22,308	15,923	16,613	11,858
August	55,298	38,629	38,660	26,414	16,638	12,215	21,783	15,581	16,300	11,659
September	55,325	38,467	38,697	26,408	16,628	12,059	21,716	15,534	15,941	11,403
October	r54,736	r38,041	r38,331	r26,178	r16,405	r11,863	r21,228	r15,226	r15,654	r11,230
November	r55,011	r38,192	r38,665	r26,427	r16,346	r11,765	r21,496	r15,431	r15,860	r11,386
December	54,835	38,069	38,884	26,602	15,951	11,467	21,978	15,789	16,133	11,590
	Percent change									
December 1959-60	- 1	- 2	- 3	- 4	+ 4	+2	- 8	- 8	- 13	- 13
12 months 1959-60	- 2	- 4	- 2	- 4	- 3	- 4	- 9	- 11	- 14	- 15

Period	Private construction—Con.									
	Residential building—Con.				Nonresidential buildings					
	Additions and alterations		Nonhousekeeping		Total		Industrial		Office buildings and warehouses	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1955	3,376	n.a.	339	n.a.	7,611	6,007	2,399	1,941	1,311	1,054
1956	3,695		447		8,817	6,594	3,084	2,306	1,684	1,294
1957	3,903		501		9,556	6,805	3,557	2,506	1,893	1,389
1958	3,862	2,902	633	477	8,675	6,046	2,382	1,679	2,013	1,417
1959	4,468	3,241	768	558	8,859	5,974	2,106	1,457	1,954	1,330
	Seasonally adjusted annual rates									
1959: December	4,525	3,264	816	588	9,372	6,252	2,448	1,680	1,968	1,320
1960: January	4,620	3,324	816	600	9,720	6,528	2,556	1,764	2,040	1,368
February	4,572	3,264	828	588	10,224	6,816	2,748	1,896	2,064	1,380
March	4,680	3,360	852	612	10,032	6,708	2,772	1,920	2,028	1,356
April	4,596	3,288	876	636	9,948	6,624	2,772	1,908	2,004	1,332
May	4,764	3,396	900	636	9,828	6,576	2,760	1,908	1,992	1,332
June	4,686	3,340	923	658	9,754	6,493	2,788	1,922	2,014	1,334
July	4,745	3,387	950	678	9,821	6,519	2,868	1,978	2,068	1,369
August	4,528	3,239	955	683	9,962	6,620	2,934	2,023	2,069	1,379
September	4,816	3,445	959	686	10,173	6,734	3,041	2,097	2,087	r1,382
October	r4,620	r3,314	954	682	10,313	6,826	3,084	2,127	2,129	1,410
November	r4,648	r3,336	988	r709	10,335	6,839	3,036	2,094	2,158	1,429
December	4,813	3,458	1,032	741	10,121	6,697	2,982	2,057	2,066	1,368
	Percent change									
December 1959-60	+ 6	+ 6	+ 26	+ 26	+ 8	+ 7	+ 22	+ 22	+ 5	+ 4
12 months 1959-60	+ 5	+ 3	+ 20	+ 18	+ 13	+ 12	+ 36	+ 36	+ 6	+ 3

See footnotes at end of table.

Table A-2.—New Construction Put in Place in the United States: Seasonally Adjusted Annual Rates in Current and Constant* Dollars—Con.

(Millions of dollars)

Period	Private construction—Con.									
	Nonresidential buildings—Con.									
	Stores, restaurants, garages		Religious		Educational		Hospitals and institutional		Social and recreational	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1955	1,907	1,472	734	n. a.	492	n. a.	351	n. a.	239	n. a.
1956	1,947	1,441	768		536		328		275	
1957	1,671	1,186	868		525		525		311	
1958	1,576	1,085	863	594	574	396	600	415	424	291
1959	1,976	1,306	947	634	525	352	570	380	550	364
	Seasonally adjusted annual rates									
1959: December	2,052	1,356	960	636	528	336	588	384	588	384
1960: January	2,100	1,380	984	660	564	372	600	396	624	408
February	2,292	1,500	1,044	684	576	372	600	396	648	432
March	2,088	1,368	1,044	684	576	384	588	384	672	444
April	2,052	1,344	1,056	696	576	372	576	372	684	444
May	1,968	1,284	1,032	684	576	384	564	372	696	456
June	1,867	1,220	1,027	671	572	374	541	354	692	453
July	1,802	1,170	1,015	659	578	376	538	349	700	454
August	1,853	1,203	1,025	665	574	372	547	355	700	454
September	1,949	1,257	1,033	667	586	378	574	370	686	443
October	2,004	1,293	1,036	668	595	384	593	382	662	427
November	2,040	1,316	1,034	667	592	382	611	394	652	420
December	2,148	1,386	845	545	592	382	631	407	641	413
	Percent change									
December 1959-60	+5	+2	-12	-14	+12	+14	+7	+6	+9	+8
12 mos. 1959-60	+3	(1)	+7	+4	+10	+7	+2	-1	+23	+20

Period	Private construction—Con.									
	Nonres. bldg.—Con.		Farm construction		Public utilities					
	Miscellaneous				Total		Telephone and telegraph		Other public utilities	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1955	178	n. a.	*1,600*	*1,344*	4,363	3,119	805	612	3,558	2,507
1956	195		*1,560*	*1,252*	4,893	3,230	1,066	754	3,827	2,476
1957	206		*1,590*	*1,249*	5,414	3,384	1,068	744	4,346	2,640
1958	243	169	*1,475*	*1,150*	5,105	3,096	904	622	4,201	2,474
1959	231	151	*1,362*	*1,020*	5,052	2,975	952	633	4,100	2,342
	Seasonally adjusted annual rates									
1959: December	240	156	1,394	1,039	5,184	3,048	1,068	708	4,116	2,340
1960: January	252	180	1,374	1,024	5,232	3,120	1,008	672	4,224	2,448
February	252	156	1,357	1,009	5,292	3,132	1,068	696	4,224	2,436
March	264	168	1,331	989	5,232	3,072	960	624	4,272	2,448
April	228	156	1,324	979	5,256	3,060	1,020	660	4,236	2,400
May	240	156	1,328	984	5,316	3,072	1,104	720	4,212	2,352
June	253	165	1,324	982	5,405	3,145	1,190	763	4,215	2,382
July	252	164	1,267	933	5,364	3,119	1,145	734	4,219	2,385
August	260	169	1,240	913	5,406	3,146	1,192	764	4,214	2,382
September	217	140	1,246	914	5,285	3,068	1,096	702	4,189	2,366
October	210	135	r 1,225	r 901	r 5,261	r 3,052	r 1,080	r 692	4,181	2,360
November	212	137	r 1,241	r 914	5,282	3,065	1,091	699	4,191	2,366
December	216	139	1,184	870	5,320	3,086	1,081	693	4,239	2,393
	Percent change									
December 1959-60	-10	-11	-15	-16	+3	+1	+1	-2	+3	+2
12 mos. 1959-60	+5	+3	-5	-7	+5	+4	+14	+11	+3	+2

See footnotes at end of table.

Table A-2.–New Construction Put in Place in the United States: Seasonally Adjusted Annual Rates in Current and Constant* Dollars–Con.

(Millions of dollars)

Period	Public construction											
	Residential buildings		Nonresidential buildings									
			Total**		Industrial		Educational		Hospital and institutional		Administrative and service	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1955	266	213	4,196	3,274	721	588	2,442	1,888	300	232	331	n.a.
1956	292	225	4,076	3,017	453	339	2,556	1,891	300	220	362	
1957	506	383	4,507	3,193	473	333	2,825	2,003	354	250	439	
1958	846	637	4,653	3,214	408	289	2,875	1,982	390	267	532	367
1959	962	703	4,514	3,035	368	256	2,656	1,780	428	287	568	379
	Seasonally adjusted annual rates											
1959: December	708	504	4,248	2,808	396	276	2,448	1,608	396	252	516	339
1960: January	696	504	4,308	2,832	444	300	2,508	1,656	408	264	503	331
February	684	492	4,500	2,976	396	276	2,628	1,728	432	288	508	334
March	684	504	4,308	2,868	372	264	2,580	1,704	372	240	505	332
April	720	516	4,560	2,988	408	276	2,688	1,764	384	252	590	386
May	768	552	4,692	3,084	384	264	2,832	1,848	408	276	610	398
June	724	516	4,698	3,085	389	268	2,796	1,827	414	271	618	404
July	774	552	5,083	3,325	634	437	2,914	1,892	403	262	623	404
August	724	518	4,811	3,139	362	250	2,930	1,903	396	257	608	395
September	712	509	4,878	3,164	389	268	2,941	1,898	408	263	611	394
October	r691	r496	r4,902	r3,181	r391	r270	2,952	1,905	388	250	r617	r398
November	r695	r499	r4,997	r3,243	r419	r289	r2,992	r1,930	r385	r249	637	411
December	682	490	5,031	3,263	408	281	2,992	1,930	397	256	640	413
	Percent change											
December 1959-60	- 4	- 3	+18	+16	+ 3	+ 2	+22	+ 20	(1)	+ 2	+ 24	+ 22
12 mos. 1959-60	- 26	- 27	+ 5	+ 2	+13	+12	+ 6	+ 3	- 7	- 9	+ 3	(1)

Period	Public construction–Con.											
	Military facilities		Highways		Sewer systems		Water systems		Public service enterprises		Conservation and development	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1955	1,287	1,063	3,861	3,633	615	436	470	333	233	157	701	497
1956	1,360	1,059	4,395	3,851	701	473	574	386	384	240	826	556
1957	1,287	955	4,892	4,146	781	503	563	362	393	232	971	625
1958	1,402	1,028	5,500	4,731	836	518	551	339	451	261	1,019	633
1959	1,488	1,082	5,916	5,253	906	536	561	333	551	308	1,130	670
	Seasonally adjusted annual rates											
1959: December	1,433	1,032	5,520	4,884	924	540	600	348	576	324	1,105	648
1960: January	1,272	936	5,004	4,464	948	564	588	336	564	324	1,224	720
February	996	732	5,448	4,896	948	552	588	336	624	348	1,140	672
March	1,512	1,020	5,112	4,632	948	552	588	348	588	336	1,224	708
April	1,236	864	5,304	4,776	960	552	576	336	600	336	1,284	732
May	1,200	852	6,168	5,568	936	552	576	324	600	336	1,200	696
June	1,283	916	5,639	5,085	907	521	568	326	619	350	1,439	827
July	1,265	903	5,768	5,196	874	499	581	332	668	378	1,133	647
August	1,430	1,022	6,121	5,510	839	479	608	348	697	394	1,196	684
September	1,392	987	5,987	5,312	811	464	643	368	689	389	r1,296	r741
October	r1,354	r960	5,791	5,134	815	r466	650	r372	r696	r393	r1,264	r722
November	r1,456	r1,032	r5,521	r4,894	r805	r460	r643	r368	r701	r396	r1,260	r720
December	1,468	1,041	5,287	4,687	821	469	668	382	664	375	1,034	591
	Percent change											
December 1959-60	+ 2	+ 1	- 4	- 4	- 11	- 13	+11	+ 10	+ 15	+16	- 6	- 9
12 mos. 1959-60	- 12	- 13	- 7	- 5	- 2	- 5	+ 8	+ 5	+ 18	+18	+8	+5

Source: Department of Commerce, Bureau of the Census. *1947-49 dollars. **Includes values for the "other" categories, not shown separately on this table. See table A-1. [1] Change of less than one-half of 1 percent. rRevised. NOTE: Values for 1955-1958, shown in italics, are not comparable with later data because they reflect the "new" housing starts series. While data for Alaska and Hawaii have been included in all series, the effect on national totals is negligible, being of the order of one-half of 1 percent.

Table A-3.–New Public Construction Put in Place in the United States: Value, by Source and Type of Funds, and by Ownership

(Millions of dollars)

Period	Total	Source of funds				Ownership		Federally owned	
		Federal			State and local	Federal	State and local	Residential buildings	Military facilities
		Total	Direct	Grants-in-aid					
1955	11,724	3,555	2,777	778	8,169	2,777	8,947	2	1,287
1956	12,712	3,639	2,728	911	9,073	2,728	9,984	17	1,360
1957	14,017	4,376	2,991	1,385	9,641	2,991	11,026	155	1,287
1958	15,412	5,663	3,419	2,244	9,749	3,419	11,993	357	1,402
1959	16,257	6,632	3,842	2,790	9,625	3,842	12,415	488	1,488
1959: December	1,163	469	277	192	694	277	886	22	110
1960: January	943	360	247	113	583	247	696	25	89
February	884	316	199	117	568	199	685	23	61
March	991	362	246	116	629	246	745	24	92
April	1,170	422	271	151	748	271	899	25	88
May	1,383	532	300	232	851	300	1,083	27	103
June	1,534	591	358	233	943	358	1,176	27	126
July	1,604	604	338	266	1,000	338	1,266	26	114
August	1,682	639	345	294	1,043	345	1,337	24	135
September	1,701	645	364	281	1,056	364	1,337	23	143
October	r1,579	r589	r351	r238	r990	r351	r1,228	22	r135
November	r1,376	r502	r324	r178	r874	r324	r1,052	21	r125
December	1,214	418	276	142	796	276	938	20	113
	Percent change								
December 1959-60	+ 4	- 11	(1)	- 26	+ 15	(1)	+ 6	- 9	+ 3
12 mos. 1959-60	- 1	- 10	- 6	- 15	+ 5	- 6	(1)	- 41	- 11

Period	Federally owned—Con.								
	Nonresidential buildings						Highways	Conservation and development	All other
	Total	Industrial	Educational	Hospital	Administrative and service	Other nonresidential			
1955	802	721	6	22	14	39	78	598	10
1956	583	453	8	37	30	55	79	675	14
1957	600	473	8	45	54	20	117	818	14
1958	607	408	11	35	122	31	145	885	23
1959	660	368	11	58	149	74	180	981	45
1959: December	55	33	0	5	11	6	14	73	3
1960: January	52	35	1	4	8	4	8	69	4
February	47	29	1	4	8	5	8	56	4
March	46	29	1	4	8	4	8	72	4
April	54	33	1	4	12	4	12	86	6
May	56	33	2	5	12	4	16	92	6
June	60	35	2	6	13	4	19	119	7
July	79	54	3	5	12	5	20	91	8
August	58	32	2	5	13	6	20	101	7
September	58	31	2	5	14	6	21	111	8
October	r60	r35	2	r5	13	5	19	106	9
November	r62	r37	2	5	13	5	16	r92	r8
December	56	34	2	4	12	4	14	66	7
	Percent change								
December 1959-60	+2	+ 3	.....	- 20	+ 9	- 33	0	- 10	+ 133
12 mos. 1959-60	+ 4	+ 13	+91	- 3	- 7	- 24	+ 1	+ 8	+ 73

See footnotes at end of table.

Table A-3.—New Public Construction Put in Place in the United States: Value, by Source and Type of Funds, and by Ownership—Con.

(Millions of dollars)

Period	State and locally owned									
	Residential buildings	Nonresidential buildings					Highways	Sewer systems	Water systems	All other
		Total	Educational	Hospitals	Administrative and service	Other nonresidential				
1955	264	3,394	2,436	278	317	363	3,783	615	470	421
1956	275	3,493	2,548	263	332	350	4,316	701	574	625
1957	351	3,907	2,817	309	385	396	4,775	781	563	649
1958	489	4,046	2,864	355	410	417	5,355	836	551	716
1959	474	3,854	2,645	370	419	420	5,736	906	561	884
1959: December	38	271	192	26	25	28	404	72	43	58
1960: January	33	276	196	25	26	29	216	71	43	57
February	34	261	182	25	25	29	233	65	40	52
March	33	288	199	27	30	32	245	72	46	61
April	35	324	222	30	36	36	344	76	48	72
May	37	338	232	30	39	37	499	77	51	81
June	33	359	247	30	42	40	567	79	51	87
July	37	380	262	31	45	42	617	81	54	97
August	35	386	261	31	49	45	667	81	58	110
September	37	388	264	31	48	45	672	77	58	105
October	r38	383	264	r29	45	r45	585	72	56	94
November	r38	342	r237	28	37	r40	r471	67	r52	r82
December	38	330	233	27	33	37	388	64	49	69
	Percent change									
December 1959-60	0	+22	+21	+4	+32	+32	-4	-11	+14	+19
12 mos. 1959-60	-10	+5	+6	-7	+9	+9	-4	-3	+8	+9

Source: Department of Commerce, Bureau of the Census. [1] Change of less than one-half of 1 percent. [r] Revised.

NOTE: Beginning with January 1959 data include estimates for the value of new construction put in place in Alaska and Hawaii.

COMPOSITION OF REGIONS AND GEOGRAPHIC DIVISIONS

NORTHEAST

1. New England
Connecticut
Maine
Massachusetts
New Hampshire
Rhode Island
Vermont

2. Middle Atlantic
New Jersey
New York
Pennsylvania

NORTH CENTRAL

3. E. N. Central
Illinois
Indiana
Michigan
Ohio
Wisconsin

4. W. N. Central
Iowa
Kansas
Minnesota
Missouri
Nebraska
North Dakota
South Dakota

SOUTH

5. S. Atlantic
Delaware
Dist. of Col.
Florida
Georgia
Maryland
N. Carolina
S. Carolina
Virginia
W. Virginia

6. E. S. Central
Alabama
Kentucky
Mississippi
Tennessee

7. W. S. Central
Arkansas
Louisiana
Oklahoma
Texas

WEST

8. Mountain
Arizona
Colorado
Idaho
Montana
Nevada
New Mexico
Utah
Wyoming

9. Pacific
Alaska
California
Hawaii
Oregon
Washington

Part B.—Housing

NOTE: The statistics shown in italics in this section relate to the "old" housing starts series which was terminated with April 1960 data. The "new" series overlaps the "old" one for the period January 1959-April 1960.

A description of the "new" series and a statement regarding conceptual, coverage, and methodological changes which affect the comparability of the two series appears in CONSTRUCTION REVIEW, June 1960, pp. 4-10.

Table B-1.—Housing Starts in the United States: Number and Percentage Distribution, by Ownership and Type of Structure

Period	Total	Ownership			Type of structure			Seasonally adjusted annual rate, private	
		Private		Public	1-family	2-family	3-or-more family	Total	Nonfarm
		Total	Nonfarm						
	Number of units (*in thousands*)								
Old series									
1956	*1,118.1*	.....	*1,093.9*	*24.2*	*989.7*	*30.9*	*97.5*	.....	.....
1957	*1,041.9*	.....	*992.8*	*49.1*	*872.7*	*33.3*	*135.9*	.....	.....
1958	*1,209.4*	.....	*1,141.5*	*67.9*	*975.1*	*38.9*	*195.4*	.....	.....
1959	*1,378.5*	.....	*1,342.8*	*35.7*	*1,094.6*	*52.5*	*231.4*	.....	.....
New series									
1959	1,553.5	1,516.8	1,494.6	36.7	1,250.7	58.5	244.3	.....	.....
1959: November	106.5	104.7	102.5	1.8	85.4	4.3	16.8	1,356	1,328
December	96.4	95.6	92.8	.8	77.0	3.6	15.8	1,451	1,401
1960: January	88.4	87.1	83.0	1.3	69.8	3.9	14.7	1,366	1,291
February	90.2	87.9	86.5	2.3	70.9	4.0	15.3	1,367	1,347
March	93.3	90.2	89.2	3.1	74.0	3.8	15.5	1,112	1,098
April	125.2	123.5	121.7	1.7	102.3	4.7	18.2	1,327	1,307
May	130.0	127.3	125.5	2.7	101.6	5.0	23.4	1,333	1,315
June	127.3	122.2	120.6	5.1	101.5	4.6	21.2	1,302	1,285
July	114.9	111.1	109.4	3.8	90.6	4.4	19.8	1,182	1,164
August	129.6	124.8	122.7	4.8	r102.9	4.2	r22.6	1,292	1,273
September	102.3	96.7	94.7	5.6	r80.6	r3.6	r18.2	1,066	1,044
October	r112.0	r109.2	r106.1	2.8	87.4	3.6	20.9	r1,253	r1,217
November	97.3	95.7	94.7	1.6	n.a.	n.a.	n.a.	1,235	1,221
	Percent change								
November 1959-60	- 8.6	- 8.6	- 7.6	- 11.1	.....	.....	.....	.....	.....
First 11 mos. 1959-60	-16.9	- 17.3	- 17.7	- 3.1	[1]-19.0	[1]- 17.4	[1]- 10.3	.....	.....
	Percentage distribution								
Old series									
1956	*100*	.....	*97.8*	*2.2*	*88.5*	*2.8*	*8.7*	.....	.....
1957	*100*	.....	*95.3*	*4.7*	*83.8*	*3.2*	*13.0*	.....	.....
1958	*100*	.....	*94.4*	*5.6*	*80.6*	*3.2*	*16.2*	.....	.....
1959	*100*	.....	*97.4*	*2.6*	*79.4*	*3.8*	*16.8*	.....	.....
New series									
1959	100	97.7	96.2	2.3	80.5	3.8	15.7	.....	.....
1959: November	100	98.3	96.2	1.7	80.2	4.0	15.8	.....	.....
December	100	99.3	96.4	.7	80.0	3.7	16.3	.....	.....
1960: January	100	98.5	93.9	1.5	79.0	4.4	16.6	.....	.....
February	100	97.5	95.9	2.5	78.6	4.4	17.0	.....	.....
March	100	96.7	95.6	3.3	79.3	4.1	16.6	.....	.....
April	100	98.6	97.2	1.4	81.7	3.8	14.5	.....	.....
May	100	97.9	96.5	2.1	78.2	3.8	18.0	.....	.....
June	100	96.0	94.7	4.0	79.7	3.6	16.7	.....	.....
July	100	96.7	95.2	3.3	78.9	3.8	17.2	.....	.....
August	100	96.3	94.7	3.7	r79.4	3.2	r17.4	.....	.....
September	100	94.5	92.6	5.5	r78.8	r3.5	r17.8	.....	.....
October	100	97.5	r94.7	2.5	78.0	3.2	18.7	.....	.....
November	100	98.4	97.3	1.6	.....	.....	.....	.....	.....

Source: Department of Commerce, Bureau of the Census. *For seasonally adjusted annual rates pertaining to the "old" housing starts series, 1948-60 by month, see table B-2 in CONSTRUCTION REVIEW, June 1960. n.a. Not yet available. [1]First 10 months 1959-60. r Revised.

Table B-2: Housing Starts in the United States: Number and Percentage Distribution, by Location

Period	Total	Metropolitan area *		Region **			
		Inside	Outside	Northeast	North Central	South	West
	Number of units *(in thousands)*						
Old series							
1956	*1,118.1*	*779.8*	*338.3*	*228.8*	*303.1*	*334.2*	*252.0*
1957	*1,041.9*	*699.7*	*342.2*	*195.5*	*258.4*	*346.3*	*241.7*
1958	*1,209.4*	*827.0*	*382.4*	*210.9*	*289.6*	*413.3*	*295.6*
1959	*1,378.5*	*946.1*	*432.4*	*253.4*	*318.5*	*459.0*	*347.6*
New series							
1959	1,553.5	1,076.9	476.6	279.7	374.8	521.4	377.6
1959: November	106.5	74.2	32.3	20.0	23.5	37.4	25.6
December	96.4	67.0	29.4	15.2	19.3	36.7	25.2
1960: January	88.4	64.5	23.9	12.1	17.5	34.7	24.1
February	90.2	65.7	24.5	12.2	16.2	35.6	26.2
March	93.3	66.6	26.7	11.5	14.1	38.7	29.0
April	125.2	82.8	42.4	21.1	30.2	44.7	29.3
May	130.0	90.8	39.2	22.8	34.6	43.6	28.9
June	127.3	83.7	43.6	25.8	35.7	37.4	28.4
July	114.9	79.9	35.0	21.4	32.1	37.2	24.2
August	129.6	85.4	r44.2	24.4	29.2	46.9	29.2
September	102.3	r68.1	r34.3	r21.0	r28.1	r33.8	r19.5
October	r112.0	r76.1	r35.9	23.9	28.4	33.4	26.3
November	97.3	66.2	31.1	n.a.	n.a.	n.a.	n.a.
	Percent change						
November 1959-60	- 8.6	- 10.8	- 3.7	.....	.....	.....	.....
First 11 mos. 1959-60	- 16.9	- 17.8	- 14.8	1 - 19.8	1 - 19.9	1 - 13.7	1 - 18.9
	Percentage distribution						
Old series							
1956	*100*	*69.7*	*30.3*	*20.5*	*27.1*	*29.9*	*22.5*
1957	*100*	*67.2*	*32.8*	*18.8*	*24.8*	*33.2*	*23.2*
1958	*100*	*68.4*	*31.6*	*17.4*	*23.9*	*34.2*	*24.5*
1959	*100*	*68.6*	*31.4*	*18.4*	*23.1*	*33.3*	*25.2*
New series							
1959	100	69.3	30.7	18.0	24.1	33.6	24.3
1959: November	100	69.7	30.3	18.8	22.1	35.1	24.0
December	100	69.5	30.5	15.7	20.0	38.1	26.2
1960: January	100	73.0	27.0	13.7	19.8	39.2	27.3
February	100	72.8	27.2	13.5	17.9	39.5	29.1
March	100	71.4	28.6	12.3	15.1	41.5	31.1
April	100	66.1	33.9	16.9	24.1	35.7	23.4
May	100	69.8	30.2	17.5	26.6	33.5	22.2
June	100	65.8	34.2	20.3	28.0	29.4	22.3
July	100	69.5	30.5	18.6	27.9	32.4	21.1
August	100	65.9	r34.1	18.8	22.5	36.2	22.5
September	100	r66.6	r33.5	r20.5	r27.5	r33.0	r19.1
October	100	r67.9	r32.1	21.3	25.4	29.8	23.5
November	100	68.0	32.0	.....	.....	.....	.....

Source: Department of Commerce, Bureau of the Census. *Beginning with 1959 data, distribution is based upon the revised definitions of standard metropolitan statistical areas published in 1959 by the Bureau of the Budget in *Standard Metropolitan Statistical Areas*. **Composition of regions is shown below Table A-3. n.a.—Not available. 1 First 10 months 1959-60. r Revised.

Table B-3: New Private NonFarm 1-Family Houses Started: Average Construction Cost

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Old series	AVERAGE CONSTRUCTION COST												
1950	$7,625	$7,850	$8,225	$8,450	$8,450	$8,750	$8,875	$9,125	$8,900	$9,200	$9,075	$9,200	$8,675
1951	9,100	9,250	9,175	9,325	9,475	9,475	9,400	9,300	9,450	9,225	9,250	9,125	9,300
1952	9,050	9,275	9,350	9,550	9,575	9,675	9,500	9,425	9,600	9,525	9,550	9,525	9,475
1953	9,400	9,600	9,800	10,000	9,900	10,000	10,125	10,175	10,200	10,175	9,975	10,000	9,950
1954	9,750	9,800	10,075	10,600	10,850	10,750	10,850	10,750	10,675	10,800	10,850	11,075	10,625
1955	10,575	11,125	11,250	11,250	11,400	11,400	11,475	11,425	11,525	11,575	11,575	11,625	11,350
1956	11,325	11,750	12,150	12,275	12,300	12,300	12,375	12,275	12,325	12,425	12,675	12,350	12,225
1957	12,600	12,800	12,950	13,025	13,250	13,150	13,050	12,925	13,075	13,375	13,000	12,925	13,025
1958	12,775	12,875	13,000	13,100	13,150	13,025	13,025	12,550	12,925	13,125	12,925	12,800	12,950
1959	12,450	12,300	13,250	13,650	13,750	13,725	13,550	13,600	13,700	13,800	13,700	13,450	13,445
1960	13,600	13,650	13,975	13,850									
New series													
1959	r12,505	r12,482	r13,244	r13,600	r13,743	r13,865	r13,608	r13,336	r13,312	r13,919	r13,476	r13,197	r13,357
1960	r13,342	r13,180	r13,832	14,010	14,008	13,925	13,571	r13,156	r13,922	14,581			
	Percent change, 1959 to 1960												
	r+6.7	r+5.6	+4.4	r+3.0	r+1.9	+.4	r-.3	r-1.4	r+4.6	+4.8			

Source: Department of Commerce, Bureau of the Census. Note: The new series on average construction costs of new nonfarm 1-family houses is derived in the same way as the old and reflects only the new level of starts. rRevised.

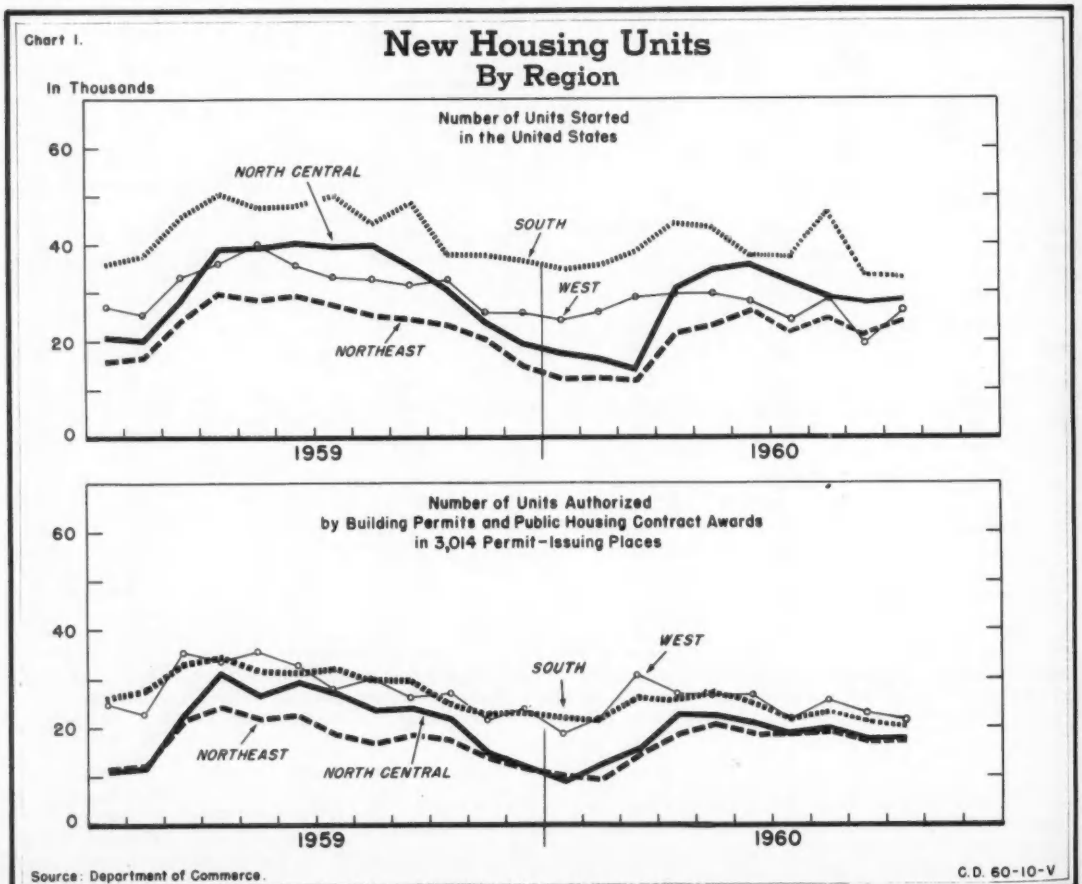


Table B-4: Housing Under Government Mortgage Insurance Programs

Period	FHA			VA			Number of starts in FHA and VA programs as a percent** of private nonfarm starts		
	Applications received*	First inspection (starts)	Mortgages insured*	Appraisal requests	First inspection (starts)	Loans closed	Total	FHA	VA
	Number of dwelling units *(in thousands)*								
1955	313.5	276.7	139.8	620.8	392.9	387.6	*51*	*21*	*30*
1956	219.4	189.3	110.9	401.5	270.7	313.5	*42*	*17*	*25*
1957	229.7	168.4	92.6	159.4	128.3	218.8	*30*	*17*	*13*
1958	395.9	295.4	157.0	234.2	102.1	94.0	*35*	*26*	*9*
1959	420.9	330.7	227.8	234.0	109.3	145.3	29	22	7
1959: November	21.5	20.3	18.0	12.2	7.9	10.9	28	20	8
December	27.1	20.0	18.8	11.1	6.4	12.1	29	22	7
1960: January	22.0	15.9	18.2	11.2	4.1	10.2	24	19	5
February	24.6	17.7	17.4	12.9	4.8	9.1	26	20	6
March	34.2	21.9	16.8	12.9	5.2	9.4	31	25	6
April	28.0	25.4	14.7	13.7	7.3	8.3	27	21	6
May	26.9	25.2	14.1	14.4	6.9	8.4	25	20	5
June	29.2	26.5	16.7	15.2	7.7	9.5	28	22	6
July	24.0	23.6	15.8	8.5	7.4	8.4	29	22	7
August	27.5	26.3	19.1	12.4	8.2	9.4	28	21	7
September	23.3	21.9	18.7	11.6	6.8	8.8	30	23	7
October	23.4	r22.6	18.0	10.0	5.9	8.3	27	21	6
November	18.9	20.5	17.5	10.3	5.5	n.a.	28	22	6
	Percent change								
November 1959-60	- 12.2	+ .8	- 2.8	- 15.5	- 30.3	.....	.....	.....	.....
12 mos. ending November 1959-60	- 26.4	- 20.7	- 8.8	- 39.4	- 32.0	.....	.....	.....	.....

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Housing and Home Finance Agency (FHA) and the Veterans Administration. *Excludes units under military and armed services programs. **Percentages shown in italics are based on private nonfarm housing starts, "old series." rRevised. n.a.--Not yet available.

Table B-5: Nonfarm Mortgage Recordings of $20,000 or Less: Number and Value by Type of Lender

(Excludes Alaska and Hawaii)

Period	Number (in thousands)	Average amount (dollars)	Total amount *(in millions of dollars)* recorded by–						
			All lenders	Savings and loan associations	Insurance companies	Commercial banks	Mutual savings banks	Individuals	All other lenders
1955	3,913	7,279	28,484	10,452	1,932	5,617	1,858	3,362	5,265
1956	3,602	7,521	27,088	9,532	1,799	5,458	1,824	3,558	4,917
1957	3,246	7,469	24,244	9,217	1,472	4,264	1,430	3,554	4,307
1958	3,441	7,959	27,388	10,516	1,460	5,204	1,640	3,435	5,133
1959	3,782	8,522	32,235	13,094	1,523	5,832	1,780	3,946	6,060
1959: October	329	8,501	2,799	1,152	146	463	167	349	522
November	288	8,476	2,442	952	137	409	152	314	478
December	293	8,472	2,487	963	138	410	152	327	497
1960: January	248	8,401	2,079	777	107	343	115	310	427
February	259	8,292	2,149	859	103	342	103	325	417
March	287	8,392	2,406	983	119	377	105	355	467
April	282	8,389	2,366	983	108	382	106	335	452
May	300	8,323	2,500	1,051	114	402	120	339	474
June	315	8,547	2,690	1,167	119	415	138	348	503
July	298	8,479	2,528	1,048	116	378	145	350	491
August	325	8,554	2,784	1,201	123	406	158	359	537
September	307	8,455	2,598	1,097	111	381	145	344	520
October	298	8,469	2,525	1,052	106	372	146	329	520
	Percent change								
October 1959-60	- 9	([1])	- 10	- 9	- 27	- 20	- 13	- 6	([1])
12 mos. ending October 1959-60	- 8	.....	- 9	-7	- 8	- 23	- 12	+ 4	- 5

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Federal Home Loan Bank Board. [1]Change of less than one-half of 1 percent.

Tables B-6, *Publicly Owned Housing Starts*, and B-7, *Housing Vacancy Rates*, are published quarterly in the February, May, August, and November issues.

Part C--Building Permits

See note at beginning of Part C in September 1960 issue for description of series now being presented.

Table C-1.--Summary of Private Construction Authorized by Building Permits in 10,000* Permit-Issuing Places in the United States

Type of construction	Valuation *(in millions of dollars)*						Percent change	
	1960			October 1959	First 10 months		October 1959-60	First 10 months 1959-60
	August	September	October		1959	1960		
All authorized construction**.....	1,975	1,719	1,613	1,760	18,997	17,083	- 8	- 10
New housing units‡.....	1,058	967	917	1,077	11,738	9,819	- 15	- 16
New nonresidential buildings.....	677	526	481	483	5,128	5,102	(1)	- 1
Industrial buildings.....	152	119	90	78	873	987	+15	+ 13
Office buildings.....	109	91	79	98	894	869	- 19	- 3
Stores and other mercantile buildings	130	102	93	100	1,055	990	- 7	- 6
Religious buildings.....	45	44	52	43	469	472	+21	+ 1
Residential garages.....	24	23	22	24	202	181	- 8	- 10
All other nonresidential buildings..	218	148	145	140	1,611	1,606	+ 4	(1)
Additions and alterations.....	208	192	184	178	1,879	1,902	+ 3	+ 1

Source: Department of Commerce, Bureau of the Census. *Estimated data for the entire universe of more than 10,000 permit-issuing places is based upon monthly reports from about 3,500 permit-issuing places which account for more than 90 percent of total permit-authorized construction. **Includes data for new nonhousekeeping residential buildings, not shown separately. ‡Housekeeping only. [1] Change of less than one-half of 1 percent.

Table C-2.--Authorized New Residential Construction in 10,000* Permit-Issuing Places in the United States: Valuation and Number, by Ownership and Type of Structure

(Housekeeping units only)

Ownership and type of structure	Valuation *(in millions of dollars)*					Number of housing units				
	1960		October 1959	First 10 months		1960		October 1959	First 10 months	
	Sept.	October		1959	1960	Sept.	October		1959	1960
All new housing units.....	990	937	1,123	12,048	10,085	86,720	83,175	97,907	1,086,067	887,139
Private (permit authorized).....	967	917	1,077	11,738	9,819	84,803	81,488	94,592	1,058,990	863,988
1-family.....	793	759	924	10,054	8,257	62,423	59,722	74,433	825,360	655,242
2-family.....	25	25	153	1,683	273	3,207	3,085	20,159	233,630	34,924
3-4 family.....	14	13			145	2,003	1,880			20,021
5-or-more family....	135	121			1,147	17,170	16,801			153,801
Public (contract awards)	23	20	46	310	266	1,917	1,687	3,315	27,077	23,151

See footnotes to table C-1 above.

Table C-3.—Authorized New Residential Construction in 3,014 Permit-Issuing Places in the United States: Valuation and Number, by Region, Ownership and Type of Structure

(Housekeeping units only)

	Valuation *(in millions of dollars)*					Number of units				
	1960		October 1959	First 10 months		1960		October 1959	First 10 months	
	Sept.	October		1959	1960	Sept.	October		1959	1960
UNITED STATES										
All new housing units..	896.1	856.1	1,037.3	11,134.7	9,207.8	79,396	76,577	90,773	1,007,970	812,834
Private *(permit authorized)*	875.3	838.2	996.7	10,863.0	8,959.1	77,663	75,028	87,893	984,438	791,849
1-family	705.2	681.3	847.7	9,226.1	7,444.6	55,843	53,532	68,293	757,285	590,312
2-4 family	35.3	37.1	148.9	1,636.6	391.8	4,650	4,875	19,600	227,153	51,436
5-or-more-family	134.8	119.6			1,122.6	17,170	16,621			150,101
Public *(contract awards)*	20.8	17.9	40.8	272.1	248.7	1,733	1,549	2,880	23,532	20,985
Northeast										
All new housing units..	200.6	191.5	207.2	2,045.5	1,839.3	17,450	17,244	17,646	184,640	161,543
Private	185.3	174.0	203.1	1,949.1	1,713.1	16,224	15,737	17,266	175,774	151,077
1-family	126.2	130.9	153.2	1,480.0	1,259.9	9,748	9,947	11,900	119,087	96,283
2-4-family	9.0	8.8	49.9	469.0	105.4	1,193	1,079	5,366	56,687	13,319
5-or-more-family	50.1	34.2			347.7	5,283	4,711			41,475
Public	15.3	17.5	4.1	96.4	126.2	1,226	1,507	380	8,866	10,466
North Central										
All new housing units..	229.2	226.2	285.0	2,969.0	2,291.2	17,895	17,718	21,622	228,807	175,962
Private	225.5	226.2	263.0	2,915.1	2,239.3	17,559	17,716	20,122	224,744	171,410
1-family	199.0	193.5	243.5	2,621.0	1,977.2	14,321	13,662	17,693	190,370	140,357
2-4 family	8.1	9.5	19.5	293.8	96.5	878	1,000	2,429	34,374	9,959
5-or-more-family	18.4	23.1			165.5	2,360	3,054			21,094
Public	3.7	(1)	22.1	54.1	52.0	336	2	1,500	4,063	4,552
South										
All new housing units..	211.9	196.3	241.1	2,952.8	2,369.2	20,981	19,920	24,457	298,387	231,623
Private	211.1	196.2	239.2	2,901.0	2,331.1	20,891	19,910	24,261	292,615	227,738
1-family	188.7	174.7	217.6	2,635.0	2,116.7	16,986	16,157	20,092	246,970	191,088
2-4 family	4.6	4.6	21.5	266.0	53.2	797	816	4,169	45,645	9,602
5-or-more-family	17.9	16.9			161.2	3,108	2,937			27,048
Public	.8	.1	2.0	51.9	38.2	90	10	196	5,772	3,885
West										
All new housing units..	254.3	242.1	304.0	3,167.5	2,707.9	23,070	21,695	27,048	296,136	243,706
Private	253.3	241.8	291.4	3,097.8	2,675.6	22,989	21,665	26,244	291,305	241,624
1-family	191.4	182.2	233.4	2,490.1	2,090.8	14,788	13,766	18,608	200,858	162,584
2-4 family	13.5	14.2	58.0	607.8	136.7	1,782	1,980	7,636	90,447	18,556
5-or-more-family	48.4	45.4			448.2	6,419	5,919			60,484
Public	1.0	.3	12.6	69.7	32.3	81	30	804	4,831	2,082

Source: Department of Commerce, Bureau of the Census. *Composition of regions is shown below table A-3. [1] Less than $50,000.

Table C-4.—Private Construction Authorized by Building Permits in 3,014 Permit-Issuing Places in the United States: Valuation, by Region* and Type of Construction

(Millions of dollars)

Type of construction	1960			October 1959	First 10 months		Percent change, 1st 10 mos. 1959-60
	August	Sept.	October		1959	1960	
	UNITED STATES						
All authorized private construction**	1,734.2	1,552.3	1,463.8	1,607.5	17,354.0	15,386.3	−11
New housing units‡	960.8	875.3	838.2	996.7	10,862.8	8,959.1	−18
New nonresidential buildings	557.1	478.9	436.9	434.8	4,481.4	4,678.3	+4
Industrial buildings	76.7	113.9	76.7	70.2	785.4	802.1	+2
Office buildings	102.2	84.0	77.1	88.0	803.6	805.1	(1)
Services stations and repair garages	11.7	10.1	9.6	Not available		99.1	.....
Stores and other mercantile buildings	117.6	94.1	86.8	90.1	950.1	928.9	−2
Religious buildings	41.8	35.8	41.0	38.7	422.5	374.3	−11
Educational buildings	46.9	31.4	35.4	.....	.....	379.7	.....
Hospitals and other institutional buildings	37.6	26.8	29.3	Not available		295.6	.....
Amusement buildings	20.5	12.5	11.0	.....	.....	166.9	.....
Residential garages	20.4	19.3	18.0	21.2	178.5	154.8	−13
All other nonresidential buildings	81.7	51.3	52.0	Not available		672.1	.....
Additions and alterations	185.4	165.7	159.5	155.3	1,644.0	1,655.3	+1
	Northeast						
All authorized private construction**	348.1	329.2	310.3	323.9	3,377.6	3,085.9	−9
New housing units‡	193.6	185.3	174.0	203.1	1,949.1	1,713.1	−12
New nonresidential buildings	112.0	92.8	97.4	84.1	1,039.9	1,015.1	−2
Industrial buildings	17.5	36.5	15.8	13.1	154.2	187.3	+21
Office buildings	31.1	8.8	21.0	14.5	283.9	191.0	−33
Service stations and repair garages	1.5	1.4	1.2	Not available		12.9	.....
Stores and other mercantile buildings	22.2	16.9	14.1	20.0	158.2	159.9	+1
Religious buildings	4.1	6.6	8.2	8.9	86.8	69.7	−20
Educational buildings	16.6	4.7	18.0	Not available		151.7	.....
Hospitals and other institutional buildings	4.0	4.1	5.8			76.5	.....
Amusement buildings	3.0	1.5	3.1			39.7	.....
Residential garages	3.3	3.2	3.5	4.4	31.1	26.7	−14
All other nonresidential buildings	8.7	9.0	6.4	Not available		99.2	.....
Additions and alterations	34.0	33.2	34.7	31.2	327.8	327.0	(1)
	North Central						
All authorized private construction**	469.9	431.2	389.8	427.6	4,548.1	3,893.8	−14
New housing units‡	256.3	225.5	226.2	263.0	2,915.1	2,239.3	−23
New nonresidential buildings	157.1	157.8	118.3	120.1	1,092.0	1,226.4	+12
Industrial buildings	28.5	33.7	19.7	26.5	256.3	232.7	−9
Office buildings	24.5	29.0	15.1	17.2	119.9	161.1	+34
Service stations and repair garages	4.2	3.2	2.9	Not available		30.5	.....
Stores and other mercantile buildings	29.0	21.4	22.1	19.2	210.3	207.2	−1
Religious buildings	16.3	11.7	13.4	10.5	116.5	111.4	−4
Educational buildings	18.2	17.0	9.3	Not available		126.7	.....
Hospitals and other institutional buildings	11.9	11.4	13.6			84.2	.....
Amusement buildings	1.9	3.4	2.7			32.1	.....
Residential garages	12.2	11.7	10.5	12.6	104.0	86.8	−17
All other nonresidential buildings	10.4	15.2	8.8	Not available		153.4	.....
Additions and alterations	51.3	44.6	39.2	39.6	413.2	413.5	(1)

See footnotes at end of table.

Table C-4.—Private Construction Authorized by Building Permits in 3,014 Permit-Issuing Places in the United States: Valuation, by Region* and Type of Construction—Con.

(Millions of dollars)

Type of construction	1960			October 1959	First 10 months		Percent change, 1st 10 mos. 1959-60
	August	Sept.	October		1959	1960	
South							
All authorized private construction**	432.0	368.1	360.2	407.5	4,671.2	4,050.6	−13
New housing units‡	226.1	211.1	196.2	239.2	2,901.0	2,331.1	−20
New nonresidential buildings	149.0	108.3	107.2	124.5	1,242.6	1,246.1	(1)
Industrial buildings	14.3	28.7	18.1	11.2	153.9	171.8	+12
Office buildings	22.5	14.8	21.4	35.6	197.5	232.8	+18
Service stations and repair garages	3.2	2.8	2.9	Not available		29.8	.....
Stores and other mercantile buildings	29.5	28.0	27.9	28.2	342.6	299.5	−13
Religious buildings	13.8	12.4	15.0	11.3	132.6	130.3	−2
Educational buildings	10.5	4.6	4.3	Not available		66.4	.....
Hospitals and other institutional buildings	7.9	2.4	5.1			62.2	.....
Amusement buildings	4.3	3.4	2.1			44.8	.....
Residential garages	1.8	1.9	1.8	1.9	18.1	18.0	−1
All other nonresidential buildings	41.2	9.3	8.5	Not available		190.2	.....
Additions and alterations	51.1	42.8	43.0	40.3	447.3	447.9	(1)
West							
All authorized private construction**	484.1	423.7	403.5	448.5	4,757.1	4,354.8	−8
New housing units‡	284.8	253.3	241.8	291.4	3,097.8	2,675.6	−14
New nonresidential buildings	139.1	120.1	114.0	106.1	1,107.0	1,190.9	+8
Industrial buildings	16.5	15.0	23.0	19.4	220.8	210.3	−5
Office buildings	24.1	31.4	19.5	20.7	202.3	220.1	+9
Service stations and repair garages	2.8	2.7	2.5	Not available		25.5	.....
Stores and other mercantile buildings	37.0	27.8	22.7	22.7	239.1	262.3	+10
Religious buildings	7.5	5.0	4.4	8.0	86.4	62.7	−27
Educational buildings	1.6	5.1	3.7	Not available		34.8	.....
Hospitals and other institutional buildings	13.8	8.9	4.8			72.7	.....
Amusement buildings	11.3	4.1	3.1			50.2	.....
Residential garages	3.1	2.5	2.1	2.3	25.3	23.2	−8
All other nonresidential buildings	21.4	17.5	28.2	Not available		229.1	.....
Additions and alterations	49.0	45.0	42.6	44.2	455.7	466.7	+2

Source: Department of Commerce, Bureau of the Census. *Composition of region is shown below table A-3. **Includes data for new nonhousekeeping residential buildings, not shown separately. ‡Housekeeping only. [1] Change of less than one-half of 1 percent.

Table C-5.—New Private Nonresidential Building Construction Authorized by Building Permits in 3,014 Permit-Issuing Places in the United States: Number for Selected Types of Buildings

Type of building	1960									
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.
Industrial buildings	861	919	1,159	1,282	1,196	1,115	1,016	1,073	1,087	1,082
Office buildings	520	549	763	712	734	745	641	758	761	725
Service stations and repair garages	502	505	659	792	666	684	609	787	715	609
Stores and other mercantile buildings	1,775	1,874	2,375	2,666	2,477	2,541	2,003	2,200	2,112	2,094
Religious buildings	310	350	403	464	531	544	500	512	481	496
Educational buildings	74	93	128	141	162	169	282	245	150	152
Hospitals and other institutional buildings	44	63	86	80	121	136	77	102	107	95
Amusement buildings	164	168	263	395	377	423	279	281	96	197
Residential garages	4,678	5,210	7,903	18,544	19,779	18,973	16,435	19,683	18,736	17,248

Source: Department of Commerce, Bureau of the Census.

Table C-6.—Private Construction Authorized by Building Permits in 3,014 Permit-Issuing Places in the United States: Valuation, by State

State	Valuation (in millions of dollars)						Percent change	
	1960			October 1959	First 10 months		October 1959-60	1st 10 months 1959-60
	August	Sept.	October		1959	1960		
All States	1,734.2	1,552.3	1,463.8	1,607.5	17,354.0	15,386.3	-9	-11
Alabama	15.4	15.9	14.6	13.0	180.2	151.7	+12	-16
Alaska	5.7	1.3	1.6	4.6	14.9	17.7	-65	+19
Arizona	26.2	26.3	34.1	24.6	258.8	267.7	+39	+3
Arkansas	5.6	5.0	4.3	8.9	50.7	50.9	-52	(1)
California	319.7	278.5	264.9	318.7	3,204.3	2,920.3	-17	-9
Colorado	23.4	28.1	19.6	18.1	247.1	217.1	+8	-12
Connecticut	28.3	29.5	32.7	27.8	298.9	297.8	+18	(1)
Delaware	7.4	4.2	5.1	4.2	54.6	49.4	+21	-10
District of Columbia	3.0	3.4	4.6	3.6	47.1	42.9	+28	-9
Florida	83.1	76.3	75.1	89.9	987.5	884.4	-16	-10
Georgia	24.9	26.6	22.9	20.4	277.7	260.0	+12	-6
Hawaii	12.5	15.6	10.7	8.8	133.2	136.6	+22	+3
Idaho	2.6	2.8	3.6	3.3	35.2	29.2	+9	-17
Illinois	100.5	111.8	96.5	100.5	1,053.9	930.6	-4	-12
Indiana	28.3	30.9	27.0	26.1	334.6	285.1	+3	-15
Iowa	19.1	14.1	12.7	14.9	158.7	127.4	-15	-20
Kansas	11.6	13.3	12.9	10.0	136.7	110.4	+29	-19
Kentucky	11.2	8.8	10.5	10.2	140.5	112.9	+3	-20
Louisiana	20.5	17.7	17.2	18.3	250.7	206.9	-6	-17
Maine	3.4	4.7	4.1	3.7	34.5	32.1	(1)	-7
Maryland	60.4	27.7	25.0	41.0	473.9	357.8	-39	-24
Massachusetts	48.1	34.1	43.9	44.7	438.4	372.6	-2	-15
Michigan	57.0	55.0	52.9	56.7	652.2	553.4	-7	-15
Minnesota	47.8	29.7	31.9	31.7	299.9	264.1	+1	-12
Mississippi	4.8	6.7	5.2	4.3	43.7	55.7	+21	+27
Missouri	31.8	36.2	26.5	29.3	360.9	302.7	-10	-16
Montana	2.5	3.9	3.5	3.5	33.6	29.6	0	-12
Nebraska	9.9	10.1	11.0	6.6	74.4	79.3	+67	+7
Nevada	7.6	8.6	6.3	6.2	62.4	80.1	+2	+28
New Hampshire	3.4	2.6	4.2	5.3	35.9	27.3	-21	-24
New Jersey	57.7	69.8	58.4	52.8	570.6	551.2	+11	-3
New Mexico	7.6	7.1	4.5	7.2	98.5	70.9	-38	-28
New York	154.1	143.8	115.4	134.4	1,421.2	1,282.0	-14	-10
North Carolina	18.9	16.4	15.7	14.2	182.2	185.8	+11	+2
North Dakota	3.7	4.5	7.0	3.9	37.9	36.2	+79	-4
Ohio	114.7	96.3	82.1	103.4	1,050.0	890.1	-21	-15
Oklahoma	13.2	10.9	10.4	10.6	152.9	120.6	-2	-21
Oregon	30.2	15.9	16.3	13.0	162.0	177.0	+25	+9
Pennsylvania	45.5	39.5	45.1	45.7	516.5	461.6	-1	-11
Rhode Island	6.9	5.0	5.9	8.9	53.5	56.5	-34	+6
South Carolina	4.3	3.6	7.2	7.2	100.5	53.9	0	-46
South Dakota	5.3	3.0	2.3	3.4	31.8	27.3	-32	-14
Tennessee	20.6	16.5	14.8	15.2	181.5	173.2	-3	-5
Texas	95.7	87.4	86.0	108.4	1,075.7	914.3	-21	-15
Utah	11.3	9.5	10.1	10.2	121.1	96.5	-1	-20
Vermont	.7	.3	.5	.5	8.1	5.6	0	-31
Virginia	39.0	36.9	36.1	34.4	430.2	388.1	+5	-10
Washington	31.4	24.2	26.4	28.8	365.5	288.0	-8	-21
West Virginia	4.2	4.0	5.4	3.6	41.2	42.2	+50	+2
Wisconsin	40.1	26.4	26.8	41.2	357.3	286.9	-35	-20
Wyoming	3.3	2.1	1.9	1.6	20.2	24.3	+19	+20

Source: Department of Commerce, Bureau of the Census. [1] Change of less than one-half of 1 percent.

Table C-7.—Number of Housekeeping Units in Authorized* New Residential Construction in 3,014 Permit-Issuing Places in the United States, by State

State	Number of housekeeping units						Percent change	
	1960			October 1959	First 10 months		October 1959-60	1st 10 months 1959-60
	August	Sept.	October		1959	1960		
All states	88,141	79,396	76,577	90,773	1,007,970	812,522	-16	-19
Alabama	938	889	837	909	15,986	9,655	- 8	- 40
Alaska	53	45	29	49	230	313	- 41	+ 36
Arizona	1,762	1,776	1,435	1,733	19,942	18,227	- 17	- 9
Arkansas	259	228	250	282	2,700	2,595	- 11	- 4
California	17,604	15,246	14,977	19,558	203,819	165,430	- 23	- 19
Colorado	1,666	1,637	1,349	966	13,654	14,127	+ 40	+ 3
Connecticut	1,387	1,250	1,267	1,378	15,791	13,346	- 8	- 15
Delaware	430	254	166	821	1,730	2,266	+102	+31
District of Columbia	24	80	305	591	1,205	1,596	- 48	+ 32
Florida	5,431	4,689	4,850	7,018	75,069	57,999	- 31	- 23
Georgia	1,460	1,656	1,648	1,408	20,108	17,502	+ 17	- 13
Hawaii	602	749	639	648	8,475	7,308	- 1	- 14
Idaho	105	135	118	165	1,575	1,158	- 28	- 26
Illinois	3,969	3,748	4,106	4,649	50,201	39,421	- 12	- 21
Indiana	1,275	1,357	1,217	1,428	17,043	13,133	- 15	- 23
Iowa	690	556	513	756	7,491	5,580	- 32	- 26
Kansas	745	668	397	648	7,283	5,103	- 39	- 30
Kentucky	487	575	580	564	7,938	6,200	+ 3	- 22
Louisiana	961	737	867	968	14,280	9,366	- 10	- 34
Maine	162	168	145	202	1,550	1,281	- 28	- 17
Maryland	1,973	1,655	1,264	2,320	24,086	18,072	- 46	- 25
Massachusetts	1,860	1,630	1,760	1,943	17,632	16,600	- 9	- 6
Michigan	2,584	2,317	2,182	3,052	32,690	23,979	- 29	- 27
Minnesota	1,228	1,379	1,473	1,465	14,365	10,994	+ 1	- 23
Mississippi	405	507	300	205	3,210	4,266	+ 46	+ 33
Missouri	1,628	1,553	1,162	1,578	21,685	14,501	- 26	- 33
Montana	162	171	180	209	1,492	1,326	- 14	- 11
Nebraska	567	577	619	502	5,096	4,891	+ 23	- 4
Nevada	354	530	306	394	3,114	4,292	- 22	+ 38
New Hampshire	184	143	250	310	1,886	1,407	- 19	- 25
New Jersey	4,002	2,995	3,249	2,830	34,715	30,317	+ 15	- 13
New Mexico	374	408	326	574	7,139	4,276	- 43	- 40
New York	8,765	8,376	8,006	8,189	82,959	71,151	- 2	- 14
North Carolina	966	977	843	755	10,391	8,937	+ 12	- 14
North Dakota	184	172	207	548	2,515	1,488	- 62	- 41
Ohio	5,566	3,959	4,300	4,810	50,910	41,800	- 11	- 18
Oklahoma	795	525	681	547	8,200	6,690	+ 24	- 18
Oregon	796	774	602	593	7,700	7,595	+ 2	- 1
Pennsylvania	2,417	2,558	2,224	2,447	26,959	24,102	- 9	- 11
Rhode Island	560	312	311	314	2,784	3,122	- 1	+ 12
South Carolina	221	205	213	332	3,328	2,263	- 36	- 32
South Dakota	122	128	157	411	1,872	1,145	- 62	- 39
Tennessee	1,418	1,272	1,013	1,328	14,687	12,260	- 24	- 17
Texas	4,700	4,278	3,890	5,013	64,423	46,557	- 22	- 28
Utah	585	392	435	635	6,672	5,157	- 31	- 23
Vermont	23	18	32	33	364	217	- 3	- 40
Virginia	2,564	2,331	2,085	1,993	29,272	23,752	+ 5	- 19
Washington	1,421	1,090	1,193	1,408	20,925	13,130	- 15	- 37
West Virginia	131	123	128	143	1,775	1,347	- 10	- 24
Wisconsin	1,363	1,481	1,385	1,775	17,656	13,921	- 22	- 21
Wyoming	213	117	106	115	1,399	1,361	- 8	- 3

Source: Department of Commerce, Bureau of the Census. *In building permits and public housing contract awards.

Table C-8.—Private Construction Authorized by Building Permits in Selected Permit-Issuing Places in Selected Metropolitan Areas*

Metropolitan area	Valuation *(in millions of dollars)*									
	1960									
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.
Atlanta, Ga.	15.3	13.0	19.6	18.5	25.3	19.8	13.3	16.7	18.5	13.8
Baltimore, Md	19.4	11.4	21.2	15.9	21.6	19.8	14.9	13.4	12.7	14.4
Birmingham, Ala	4.2	8.8	6.1	5.9	8.8	7.1	5.8	6.9	6.4	5.7
Boston, Mass	18.0	19.4	15.8	23.2	23.1	24.6	24.3	30.9	20.4	25.1
Buffalo, N. Y.	5.6	3.9	4.5	9.7	10.6	9.7	8.5	12.0	10.5	8.1
Chicago, Ill	36.7	50.3	60.8	84.3	100.9	93.6	83.1	79.0	96.1	81.0
Cleveland, Ohio	9.8	20.7	17.8	29.1	33.4	28.2	25.5	43.2	30.2	17.5
Columbus, Ohio	4.9	5.7	11.1	8.9	15.0	8.7	10.3	11.3	9.1	13.3
Denver, Colo	10.3	10.7	15.1	18.3	22.7	16.5	18.7	18.1	24.7	14.9
Detroit, Mich	18.8	24.7	30.9	34.3	35.7	40.3	43.0	31.5	28.3	29.8
Indianapolis, Ind	5.6	5.6	6.0	11.4	9.3	8.1	7.6	4.8	10.6	5.7
Los Angeles-Long Beach, Calif.	99.7	117.0	182.0	131.5	136.2	167.2	129.4	148.9	117.5	134.2
Miami, Fla	14.9	18.8	17.4	18.3	16.4	41.0	15.5	18.9	14.0	13.8
Milwaukee, Wis	7.0	12.4	12.9	16.4	14.5	14.5	15.4	17.9	9.8	11.7
New York, N. Y.	63.7	59.0	82.4	90.5	187.1	89.0	119.7	110.6	112.0	87.5
Philadelphia, Pa	17.9	17.3	34.4	40.6	28.8	38.6	26.4	29.1	27.6	29.2
Phoenix, Ariz	14.3	14.1	24.2	18.6	18.5	20.4	18.2	20.2	20.9	14.6
San Diego, Calif	31.5	25.1	33.1	26.9	24.7	18.4	21.6	29.2	20.7	15.3
San Francisco-Oakland, Calif.	30.9	36.2	48.7	49.0	48.2	44.6	38.1	47.3	44.0	40.8
Seattle, Wash	12.6	12.6	21.2	15.4	19.2	17.1	14.0	19.0	12.3	13.6
Washington, D. C	20.3	19.3	33.0	38.1	35.7	30.5	25.6	57.6	23.3	20.3

Source: Department of Commerce, Bureau of the Census. *As defined in *Standard Metropolitan Statistical Areas*, Bureau of the Budget, 1959.

Table C-9.—Number of Housekeeping Units in Authorized* New Residential Construction in Selected Permit-Issuing Places in Selected Metropolitan Areas**

Metropolitan area	Number of housekeeping units									
	1960									
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.
Atlanta, Ga.	822	925	1,129	1,168	2,080	1,201	909	813	1,162	1,097
Baltimore, Md.	701	396	880	652	627	576	611	454	593	460
Birmingham, Ala	240	316	332	339	464	624	320	324	282	255
Boston, Mass.	765	1,091	532	868	807	893	882	833	812	731
Buffalo, N. Y.	163	135	236	470	475	460	368	582	351	324
Chicago, Ill.	1,634	2,325	3,384	3,652	4,752	3,531	3,329	3,166	2,873	3,463
Cleveland, Ohio	435	671	704	1,316	1,295	1,249	828	1,863	994	8,321
Columbus, Ohio	250	343	342	350	814	581	424	482	301	601
Denver, Colo	866	746	1,073	1,130	1,383	1,066	1,260	1,386	1,419	1,069
Detroit, Mich	770	1,270	1,260	1,593	1,674	1,596	1,475	1,407	1,257	1,133
Indianapolis, Ind.	204	270	355	587	522	479	556	163	456	344
Los Angeles-Long Beach, Calif.	5,221	6,428	8,543	7,932	7,351	8,151	5,732	7,437	6,412	7,053
Miami, Fla.	847	998	1,086	1,052	861	1,214	749	1,013	757	688
Milwaukee, Wis.	300	554	738	1,144	982	607	599	692	545	680
New York, N. Y.	4,086	2,630	4,350	5,806	8,650	4,964	6,533	6,575	6,463	6,904
Philadelphia, Pa	1,093	942	1,989	1,968	1,985	1,676	1,866	1,383	1,742	1,713
Phoenix, Ariz.	1,148	1,251	2,089	1,328	1,465	1,628	1,113	1,448	1,501	1,110
San Diego, Calif	1,978	1,601	2,186	1,735	1,152	854	1,139	902	996	663
San Francisco-Oakland, Calif.	1,763	2,068	2,539	2,411	3,078	2,445	2,019	2,780	2,144	2,535
Seattle, Wash.	489	597	845	755	635	633	561	845	532	599
Washington, D.C.	1,092	1,055	1,687	2,121	2,762	1,450	1,779	1,959	1,474	1,394

Source: Department of Commerce, Bureau of the Census. *In building permits and public housing contract awards. **As defined in *Standard Metropolitan Statistical Areas*, Bureau of the Budget, 1959.

Table C-10.—Private Construction Authorized by Building Permits in Selected Permit-Issuing Places in Selected Metropolitan Areas*: Valuation for the Current Year, by Type of Construction

First ten months (Millions of dollars)

Type of construction	Atlanta, Ga.	Baltimore, Md.	Birmingham, Ala.	Boston, Mass.	Buffalo, N. Y.	Chicago, Ill.	Cleveland, Ohio
All authorized private construction**	173.8	164.7	65.7	224.8	83.1	765.8	255.4
New housing units ‡	103.4	74.9	28.6	95.9	44.4	416.7	160.0
New nonresidential buildings	51.7	64.3	21.5	88.7	25.7	257.2	69.2
Industrial buildings	10.5	11.1	3.2	12.9	6.3	59.5	13.6
Office buildings	12.2	5.8	4.2	16.2	2.2	48.6	7.2
Service stations and repair garages	1.4	.7	.3	.6	.9	5.0	1.3
Stores and other mercantile buildings	7.9	15.3	5.9	9.8	4.9	40.5	10.4
Religious buildings	9.8	6.2	2.5	7.6	2.0	16.3	2.7
Educational buildings	3.3	8.7	1.4	26.0	2.1	26.8	18.9
Hospitals and other inst. bldgs.	1.8	6.2	2.2	7.2	.2	20.9	1.1
Amusement buildings	1.5	3.2	1.0	3.8	1.5	5.7	2.4
Residential garages	.1	.6	.2	1.0	2.9	17.0	5.3
All other nonresidential bldgs.	3.1	6.5	1.2	3.5	2.5	16.9	6.2
Additions and alterations	17.1	23.3	11.6	36.9	11.4	80.3	26.0

	Columbus, Ohio	Denver, Colo.	Detroit, Mich.	Indianapolis, Ind.	Los Angeles-Long Beach, Calif.	Miami, Fla.	Milwaukee, Wis.
All authorized private construction **	98.3	170.0	317.3	74.7	1,363.6	189.0	132.5
New housing units ‡	62.9	114.4	180.1	44.5	814.6	114.4	75.3
New nonresidential buildings	25.3	40.3	99.7	22.1	368.5	45.4	38.2
Industrial buildings	4.9	7.0	20.7	2.5	77.2	7.2	9.6
Office buildings	3.5	11.5	6.8	2.5	80.9	2.6	6.1
Service stations, etc	.7	.8	2.6	.5	4.5	1.3	1.0
Stores, etc	7.0	7.9	17.0	6.7	78.9	13.9	5.0
Religious buildings	2.7	1.9	6.1	1.1	13.4	2.4	3.2
Educational buildings	1.7	1.7	2.6	5.4	5.4	1.3	5.9
Hospitals, etc	2.3	2.5	5.5	.1	17.6	5.3	2.1
Amusement buildings	.2	.9	2.8	.3	18.6	2.0	.3
Residential garages	1.9	1.8	14.5	.8	5.3	.9	3.4
All other nonresidential bldgs.	.5	4.2	13.5	1.7	66.2	8.0	1.5
Additions and alterations	8.9	15.1	36.0	6.9	167.1	23.9	16.9

	New York, N. Y.	Philadelphia, Pa.	Phoenix, Ariz.	San Diego, Calif.	San Francisco-Oakland, Calif.	Seattle, Wash.	Washington, D. C.
All authorized private construction**	1,001.5	289.9	184.0	246.5	427.8	157.0	303.7
New housing units ‡	568.0	166.7	123.1	163.9	259.1	89.6	190.7
New nonresidential buildings	325.5	93.0	44.1	63.6	102.7	43.4	88.7
Industrial buildings	32.8	20.5	4.6	5.6	21.3	11.5	3.8
Office buildings	119.3	13.8	13.9	5.8	17.4	4.1	21.0
Service stations, etc	2.4	1.7	1.0	.9	1.4	1.1	1.1
Stores, etc	31.3	19.6	10.5	24.2	21.1	7.4	10.8
Religious buildings	18.1	7.1	3.0	2.8	7.8	2.6	8.0
Educational buildings	46.0	9.7	.2	1.2	2.9	1.5	3.1
Hospitals, etc	43.1	2.4	.4	6.6	13.0	5.1	4.5
Amusement buildings	12.1	2.3	1.0	3.0	4.8	3.4	2.7
Residential garages	5.0	1.7	.1	2.0	1.4	.8	.4
All other nonresidential bldgs.	15.4	8.4	10.9	11.6	11.6	5.1	33.3
Additions and alterations	78.0	31.5	14.3	17.6	60.2	20.6	21.4

Source: Department of Commerce, Bureau of the Census. *As defined in *Standard Metropolitan Statistical Areas*, Bureau of the Budget, 1959. **Includes data on new nonhousekeeping residential buildings, not shown separately.

Part D.—Contract Awards

Table D-1: Contract Awards: Public Construction, Value, by Ownership and Type of Construction*

(Millions of dollars)

Period	All public construction			Federally owned				
					Nonresidential buildings			
	Total	Federally owned	State and locally owned	Residential buildings	Total	Educational	Hospital and institutional	Administrative and service
1955	9,000.5	1,556.0	7,444.5	61.4	885.5	21.6	77.5	66.7
1956	10,423.1	2,088.3	8,334.8	136.0	924.3	27.1	43.9	87.3
1957	11,473.8	2,317.3	9,156.5	406.2	776.5	48.4	78.9	148.3
1958	13,508.1	2,959.4	10,548.7	592.0	987.7	51.7	95.2	183.9
1959	11,595.7	2,484.8	9,110.9	271.4	885.7	64.1	59.3	199.0
1959: October	889.2	192.9	696.3	30.2	40.3	1.7	4.1	13.8
November	831.0	170.0	661.0	3.3	64.7	4.9	0	5.0
December	830.2	193.8	636.4	.2	35.6	1.2	1.3	6.1
1960: January	738.7	136.4	602.3	13.0	35.7	2.5	3.2	4.8
February	813.6	162.0	651.6	2.2	65.6	.4	1.7	18.3
March	1,140.1	221.2	918.9	15.0	116.7	4.1	1.0	70.3
April	1,076.8	166.3	910.5	7.8	45.7	4.5	.9	2.6
May	1,117.3	176.9	940.4	26.7	27.5	2.3	.6	5.5
June	1,424.2	332.3	1,091.9	28.6	108.7	4.0	27.7	10.2
July	1,133.1	59.4	1,073.7	10.7	20.7	.8	.3	8.9
August	1,048.9	98.7	950.2	26.9	19.5	.1	1.2	6.7
September	1,067.5	171.9	895.6	58.2	49.1	1.1	3.5	19.0
October	1,083.0	146.7	936.3	14.4	34.5	1.9	12.4	1.7
	Percent change, first 10 months 1959-60							
	+7	-21	+15	-24	-33	-63	-9	-21

Period	Federally owned—Con.							
	Nonresidential buildings—Con.					Airfields**	Conservation and development	Highways
	Other nonresidential buildings							
	Total	Airfield buildings	Troop housing	Warehouses	All other			
1955	719.7	103.8	54.1	84.0	477.8	157.4	271.9	58.5
1956	766.0	76.2	123.2	63.3	503.3	155.9	539.0	91.8
1957	500.9	98.9	60.9	35.0	306.1	182.2	563.8	91.5
1958	656.9	196.7	89.3	36.5	334.4	475.6	475.2	95.5
1959	553.3	179.2	45.6	22.1	316.4	333.4	528.5	85.9
1959: October	20.7	1.2	.1	.2	19.2	4.6	22.8	5.0
November	54.8	2.0	.1	1.0	51.7	14.8	59.4	22.0
December	27.0	10.1	.7	3.6	12.6	66.3	63.6	6.2
1960: January	25.2	3.7	5.0	1.1	15.4	37.4	32.4	9.7
February	45.2	15.3	4.6	.3	25.0	40.4	33.6	5.7
March	41.3	7.2	6.4	.6	27.1	34.5	16.5	16.1
April	37.7	13.2	4.8	2.4	17.3	47.2	45.7	8.5
May	19.1	8.3	2.3	1.8	6.7	28.9	58.5	16.1
June	66.8	8.3	2.3	3.1	53.1	69.6	53.1	13.2
July	10.7	.5	.4	.6	9.2	3.1	7.8	10.8
August	11.5	2.9	0	.9	7.7	6.0	22.5	9.8
September	25.5	3.3	.6	.7	20.9	5.1	18.6	11.2
October	18.5	8.0	1.5	.7	8.3	12.6	20.2	10.1
	Percent change, first 10 months 1959-60							
	-37	-58	-38	-30	-24	+13	-24	+93

See footnotes at end of table.

Table D-1: Contract Awards: Public Construction, Value, by Ownership and Type of Construction*—Con.

(Millions of dollars)

Period	Federally owned—Con.		State and locally owned					
				Nonresidential buildings				
	Electric power	All other**	Residential buildings	Total	Educational	Hospital and institutional	Administrative and service	Other
1955	43.5	77.8	210.1	2,851.4	2,107.2	195.3	263.0	285.9
1956	177.5	63.8	253.2	3,202.8	2,289.0	278.9	320.8	314.1
1957	140.3	156.8	326.7	3,409.4	2,450.5	287.1	315.4	356.4
1958	137.8	195.6	479.7	3,576.2	2,407.6	334.5	455.6	378.5
1959	222.6	157.3	306.9	3,236.7	2,203.3	304.5	325.6	403.3
1959: October	81.4	8.6	26.0	262.0	204.7	12.6	19.3	25.4
November	.8	5.0	19.9	259.4	169.3	13.9	32.1	44.1
December	2.2	19.7	17.4	272.4	176.1	26.5	20.8	49.0
1960: January	5.5	2.7	13.6	215.7	161.4	16.1	16.7	21.5
February	5.2	9.3	32.7	220.0	140.5	15.3	35.9	28.3
March	8.9	13.5	38.4	355.0	259.6	25.9	40.2	29.3
April	1.9	9.5	23.8	304.0	209.0	21.7	41.8	31.5
May	9.9	9.3	39.9	358.9	265.8	31.7	34.0	27.4
June	30.6	28.5	55.5	365.3	236.0	38.9	52.4	38.0
July	2.8	3.5	47.0	318.0	213.3	23.7	45.6	35.4
August	7.8	6.2	49.7	308.2	221.8	17.5	36.0	32.9
September	25.5	4.2	36.6	284.2	194.0	7.5	29.3	53.4
October	48.6	6.3	27.6	317.0	217.5	27.5	38.1	33.9
	Percent change, first 10 months 1959-60							
	-33	-30	+35	+13	+14	-15	+36	+7

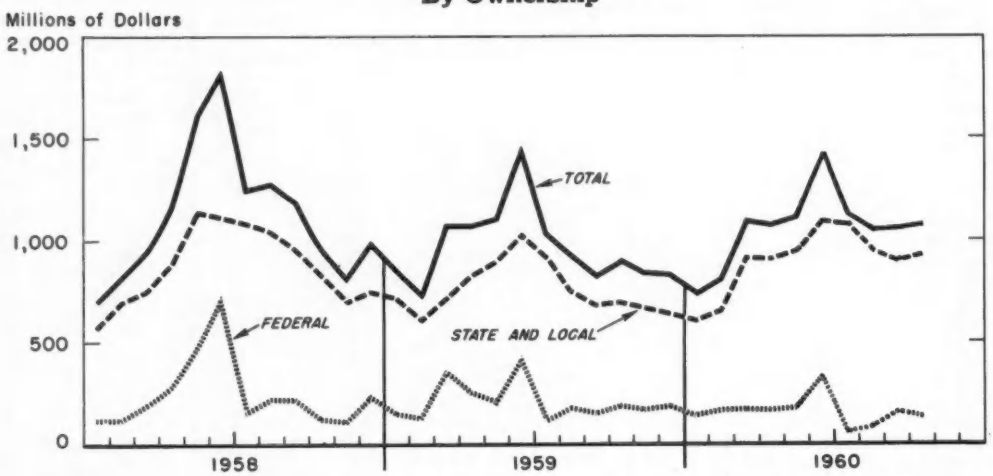
Period	State and locally owned—Con.								
	Highways	Sewer and water systems			Public service enterprises			Conservation and development	All other
		Total	Sewer	Water	Total	Electric power	Other		
1955	2,933.5	895.5	501.9	393.6	378.0	247.4	130.6	117.2	68.2
1956	3,211.6	1,100.0	658.9	441.1	336.5	227.2	109.3	139.3	91.4
1957	3,825.1	1,034.2	619.4	414.8	364.2	200.1	164.1	112.7	84.2
1958	4,489.3	1,050.0	708.2	341.8	669.5	450.0	219.5	123.3	160.7
1959	3,718.8	1,148.4	741.8	406.6	422.5	235.6	186.9	146.1	131.5
1959: October	256.9	90.0	53.4	36.6	24.2	9.3	14.9	22.9	14.3
November	281.4	61.0	45.5	15.5	26.6	11.8	14.8	6.3	6.4
December	231.6	79.4	57.4	22.0	16.5	4.5	12.0	12.4	6.7
1960: January	241.9	82.1	50.6	31.5	36.4	19.8	16.6	6.4	6.2
February	305.9	69.7	42.1	27.6	10.9	3.3	7.6	6.6	5.8
March	381.1	96.8	57.8	39.0	25.8	8.8	17.0	11.7	10.1
April	448.2	78.2	53.2	25.0	31.3	10.9	20.4	6.9	18.1
May	377.5	97.9	61.5	36.4	40.6	16.6	24.0	9.6	16.0
June	424.7	121.3	60.1	61.2	89.0	56.8	32.2	19.9	16.2
July	484.3	137.0	70.7	66.3	36.0	7.9	28.1	11.9	39.5
August	415.1	84.6	49.2	35.4	52.2	26.7	25.5	10.5	29.9
September	406.6	93.6	49.6	44.0	32.7	9.9	22.8	19.7	22.2
October	445.0	102.5	61.9	40.6	15.0	8.4	6.6	13.6	15.6
	Percent change, first 10 months 1959-60								
	+23	-4	-13	+10	-3	-23	+25	-8	+52

Source: Department of Commerce, Bureau of the Census. *Includes major force-account projects started, principally by TVA and State highway departments. **Beginning with January 1958, includes missile launching facilities which were previously included under all other federally owned.

Chart 2.

Contracts Awarded for Public Construction

By Ownership



SOURCE: DEPARTMENT OF COMMERCE CONSTRUCTION REVIEW C.D. 60-10-G

Table D-2.–Contract Awards: Highway Construction, Value, by Ownership, Source of Funds, and Type of Facility *

(Millions of dollars)

Period	All highway construction	Federally owned	State owned					Locally owned**
			Total	Federally aided projects		Independent state projects		
				Total value	Federal funds	Total value	Toll facilities	
1955	2,992.0	58.5	2,559.8	1,256.1	667.4	1,303.7	694.9	373.7
1956	3,303.5	91.9	2,718.3	1,737.2	962.8	981.1	336.7	493.3
1957	3,916.6	91.5	3,311.0	2,390.4	1,613.9	920.6	343.0	514.1
1958	4,584.8	95.5	3,995.8	3,488.7	2,504.4	507.1	44.1	493.5
1959	3,804.7	85.9	3,212.6	2,638.1	1,876.7	574.5	59.2	506.2
1959: October	261.9	5.0	208.9	173.6	126.2	35.3	.1	48.0
November	303.4	22.0	253.3	225.4	160.8	27.9	0	28.1
December	237.8	6.2	217.5	175.6	121.2	41.9	3.7	14.1
1960: January	251.6	9.7	190.0	164.7	111.9	25.3	3.9	51.9
February	311.6	5.7	220.3	117.6	128.3	42.7	12.9	85.6
March	397.2	16.1	296.8	246.8	174.8	50.0	1.3	84.3
April	456.7	8.5	399.7	341.5	252.5	58.2	.1	48.5
May	393.6	16.1	312.6	238.1	167.8	74.5	0	64.9
June	437.9	13.2	344.7	280.9	198.1	63.8	0	80.0
July	495.1	10.8	401.3	264.8	190.6	136.5	68.8	83.0
August	424.9	9.8	355.3	286.3	206.7	69.0	3.4	59.8
September	417.8	11.2	338.6	286.1	200.9	52.5	2.6	68.0
October	455.1	10.1	411.0	248.8	174.9	162.2	118.6	34.0
	Percent change, first 10 months 1959-60							
	+24	+93	+19	+13	+13	+46	+281	+42

Source: U.S. Department of Commerce, Bureau of the Census. *Includes force-account work started on Federal and State projects.
**By municipalities and counties.

Table D-3: Contract Awards: Value Reported by the F. W. Dodge Corporation

(U. S. Summary, excluding Alaska and Hawaii)

Period	All construction	Building			Engineering			Dodge index of contract awards, seasonally adjusted (1947-49=100)
		Total	Residential	Non-residential	Total	Public works	Utilities	
	Value *(in millions of dollars)*							
1956	31,612	24,070	12,862	11,208	7,542	5,428	2,115	.....
1957	32,174	24,333	13,040	11,293	7,840	5,464	2,375	.....
1958	35,090	25,644	14,695	10,948	9,446	6,802	2,644	.....
1959	36,420	28,672	17,195	11,477	7,747	5,813	1,933	.....
	12 months ending in–							
1959: November	36,447	28,589	17,172	11,416	7,858	5,910	1,947	231
December	36,420	28,672	17,195	11,477	7,747	5,813	1,933	244
1960: January	36,294	28,560	17,100	11,460	7,732	5,794	1,936	235
February	36,232	28,474	17,019	11,455	7,756	5,804	1,951	234
March	35,949	28,392	16,776	11,616	7,556	5,892	1,663	252
April	35,557	27,914	16,540	11,484	7,641	5,921	1,719	266
June	35,179	27,518	15,932	11,586	7,660	5,873	1,787	272
July	35,119	27,118	15,571	11,547	8,000	6,036	1,964	285
August	35,330	27,216	15,453	11,763	8,113	6,098	2,015	276
September	35,391	27,145	15,264	11,881	8,244	6,263	1,981	271
October	35,575	27,182	15,139	12,043	8,392	6,455	1,937	294
November	36,088	27,458	15,300	12,158	8,630	6,627	2,003	280
	Percent change, 12 months ending in–							
November 1959-60	- 1	- 4	- 11	+6	+10	+ 12	+ 3	.....

Source: Table compiled by Department of Commerce (BDSA) from data published by the F. W. Dodge Corporation.

Table D-4: Contract Awards: Value Reported by the Engineering News-Record

(U. S. Summary, excluding Alaska and Hawaii)

Period	All construction contract awards	Ownership		Type of construction					
				Buildings		Highways and bridges	Sewer systems	Water systems	Unclassified and all other
		Private	Public	Private industrial	Other				
	Value *(in millions of dollars)*								
1956	21,712	13,490	8,222	5,335	9,775	3,097	579	356	2,370
1957	17,986	8,386	9,600	3,081	7,791	3,745	556	369	2,444
1958	19,166	7,731	11,435	1,757	9,199	4,445	619	307	2,845
1959	20,279	10,388	9,891	2,981	9,992	3,456	653	373	2,824
12 months ending in–									
1959: November	20,165	10,080	10,085	2,888	9,837	3,712	661	378	2,691
*December	20,004	10,325	9,679	2,974	9,888	3,389	628	369	2,758
1960: January	19,868	10,352	9,515	2,970	9,795	3,347	641	357	2,759
February	19,955	10,381	9,573	3,004	9,820	3,393	641	336	2,762
*March	19,771	10,339	9,431	2,743	9,801	3,425	639	318	2,845
April	20,370	10,877	9,492	2,883	10,132	3,534	625	375	2,821
May	20,181	10,766	9,413	2,854	9,936	3,562	605	363	2,861
*June	20,839	11,269	9,570	2,866	10,390	3,517	607	382	3,078
July	20,647	11,359	9,288	2,921	10,414	3,407	603	388	2,917
August	20,963	11,508	9,455	2,899	10,686	3,473	587	385	2,937
*September	21,155	11,370	9,786	2,651	10,854	3,679	585	414	2,978
October	21,939	12,001	9,939	2,809	11,079	3,837	585	419	3,216
November	22,237	12,082	10,156	2,794	11,294	3,927	588	434	3,206
	Percent change, 12 months ending in–								
November 1959-60	+10	+20	+ 1	- 3	+15	+ 6	- 11	+ 15	+19

Source: Table compiled by Department of Commerce (BDSA) from data published by the Engineering News-Record. Data include only those projects with contract values above the following minimum sizes: Water supply, earthwork, and waterways–$44,000; other public works–$73,000; industrial buildings–$93,000; other buildings–$344,000. *Adjusted to 52 weeks.

Part E.—Costs and Prices

Table E-1.–Construction Cost Indexes

(1947-49=100)

Period	Department of Commerce composite cost index*	Monthly and quarterly component indexes									
		American Appraisal Co.	Associated General Contractors	E. H. Boeckh and Associates			Engineering News-Record		Bureau of Public Roads, highway	Geo. A. Fuller Co.	Turner Construction Co.
				Residences	Apartments, hotels, and office buildings	Commercial and factory buildings	Building	Construction			
		Annual averages									
1955	125	129	136	123.9	130.6	131.9	139.3	146.5	106.1	124	123
1956	132	135	143	129.4	137.0	138.7	145.9	153.8	113.4	130	134
1957	137	141	149	131.8	141.2	143.7	151.2	160.8	118.1	136	142
1958	138	145	154	133.0	143.6	146.7	156.0	168.6	116.3	142	142
1959	141	150	160	137.4	148.6	151.8	162.8	177.0	114.4	147	145
		Current indexes									
1959: August	142	151	161	138.4	149.8	153.0	164.8	180.1	113.5	148	145
September	142	151	162	138.4	149.9	153.0	165.2	180.3			
October	142	151	163	138.4	149.9	153.0	165.1	180.2			
November	142	152	163	138.7	150.1	153.2	164.7	179.8	114.2	148	145
December	142	152	163	138.9	150.4	153.6	164.3	179.6			
1960: January	143	152	163	139.8	151.5	154.4	165.1	180.5			
February	143	152	163	139.8	151.5	154.4	165.1	180.4	111.0	149	145
March	143	152	164	139.5	151.1	154.2	165.0	180.7			
April	143	153	164	139.8	151.3	154.4	165.0	180.7			
May	143	153	164	140.1	151.8	154.9	165.8	182.7	110.5	150	145
June	144	153	165	140.3	152.1	154.9	166.4	183.5			
July	143	154	166	140.1	152.0	154.6	166.9	184.2			
August	143	154	166	139.8	151.8	154.3	166.8	184.4	112.9	151	145
September	144	155	166	139.8	151.9	154.4	167.2	184.5			
October	144	155	166	139.4	151.8	154.3	166.9	184.2	.....	.....	.....
		Percent change									
October 1959-60	+1	+3	+2	+1	+1	+1	+1	+2	[1] −1	[1] +2	[1] 0

Sources as stated above. *A composite of cost indexes, compiled by the Bureau of the Census, representative of the major types of construction weighted by the current relative importance of each type. Other component indexes, available annually or semi-annually, are included on an interpolative basis. [1] Third quarter 1959-60.

Table E-2.—Indexes of Wholesale Prices of Materials Used in Construction, by Selected Groups and Commodities

(1947-49=100, unless otherwise noted)

Period	All construction materials	Lumber and wood products							
		Softwoods			Selected hardwoods	Millwork	Plywood		
		Douglas fir	Southern pine	Other			Group index	Softwood	Hardwood
	Annual averages								
1955	125.5	130.5	115.2	136.8	120.4	128.7	105.4	110.3	102.6
1956	130.6	129.9	119.2	137.4	126.0	129.1	101.7	100.8	104.7
1957	130.6	116.8	114.6	132.8	114.8	128.3	96.4	91.3	103.7
1958	130.5	114.6	112.8	129.4	114.4	128.2	97.1	91.8	104.5
1959	134.6	130.7	116.6	137.7	122.0	135.9	101.2	97.9	106.2
	Monthly indexes								
1959: November	134.6	124.9	118.5	137.7	123.3	138.1	94.5	85.3	106.3
December	134.9	126.9	118.4	135.7	123.9	137.9	97.2	90.4	106.3
1960: January	135.2	127.7	118.1	135.3	124.6	137.8	98.2	92.2	106.3
February	135.0	127.3	117.5	136.0	124.1	137.7	97.0	89.5	106.9
March	134.5	126.9	117.2	135.6	124.5	137.7	95.9	86.5	107.8
April	134.3	125.7	117.2	136.0	125.1	136.8	96.1	86.9	107.8
May	133.9	124.1	116.8	134.9	125.2	136.9	95.7	85.9	108.2
June	132.9	120.7	116.0	132.3	125.2	136.9	95.5	85.5	108.2
July	132.1	118.7	114.7	130.4	124.0	137.2	95.5	85.5	108.2
August	131.4	115.6	113.8	126.5	121.0	136.7	94.7	84.0	108.2
September	131.1	114.2	113.0	124.0	120.5	135.5	96.4	87.1	108.2
October	r 130.5	111.5	r 112.0	r 122.6	r 119.0	r 135.3	97.1	88.3	108.5
November	130.2	109.4	110.8	120.9	118.5	135.8	96.1	86.8	108.0
	Percent change								
November 1959-60	−3	−12	−6	−12	−4	−2	+2	+2	+2

Period	Building paper and board			Prepared paint	Metals and metal products				
					Selected finished steel products				
	Group index	Insulation board	Hardboard**		Structural shapes	Reinforcing bars	Galvanized sheets, carbon	Black pipe, carbon	Wire nails, 8d common
1955	.....	130.9	.....	114.5	151.9	158.8	138.8	150.7	151.9
1956	.....	136.9	.....	120.0	162.9	169.7	148.2	168.7	165.3
1957	.....	141.5	.....	126.3	187.5	184.1	152.5	185.4	177.9
1958	143.2	144.5	99.3	128.3	195.4	190.8	156.6	191.5	182.2
1959	146.4	148.5	100.3	128.3	199.6	195.0	161.2	190.9	182.2
1959: November	147.6	150.4	100.4	128.3	199.6	195.0	163.2	190.9	182.2
December	147.6	150.4	100.4	128.3	199.6	195.0	163.2	190.9	182.2
1960: January	147.6	150.4	100.4	128.3	199.6	195.0	163.2	190.9	182.2
February	147.6	150.4	100.4	128.3	199.6	195.0	163.2	190.9	182.2
March	146.5	148.6	100.4	128.3	199.6	195.0	163.2	190.9	182.2
April	145.1	146.5	100.4	128.3	199.6	195.0	163.2	190.9	182.2
May	145.1	146.5	100.4	128.3	199.6	195.0	163.2	190.9	182.2
June	145.1	146.5	100.4	128.3	199.6	195.0	163.2	190.9	174.9
July	144.2	146.5	98.6	128.4	199.6	195.0	163.3	187.0	174.9
August	145.5	148.4	98.6	128.4	199.6	193.4	163.4	187.0	174.9
September	145.3	148.2	98.6	128.4	199.6	193.4	163.4	187.0	174.9
October	145.7	148.5	98.9	128.4	199.6	193.4	163.4	187.0	174.9
November	145.4	148.0	98.9	128.4	199.6	193.4	163.4	187.0	174.9
	Percent change								
November 1959-60	−1	−2	−1	(1)	0	−1	(1)	−2	−4

See footnotes at end of table.

Table E-2: Indexes of Wholesale Prices of Materials Used in Construction, by Selected Groups and Commodities—Con.

(1947-49=100, unless otherwise noted)

Period	Metals and metal products—Con.									
	Selected nonferrous metal products			Builders' hardware			Plumbing fixtures and brass fittings			
	Copper water tubing	Building wire, type RH-RW	Nonmetallic sheathed cable	Cabinet hinge	Door lock set	Butts	Group index*	Enameled iron fixtures	Vitreous china fixtures	Brass fittings
1955	156.5	126.6	96.5	127.6	128.9	168.4	125.4	130.3	118.9	126.5
1956	174.4	155.9	110.1	138.3	137.6	168.4	133.9	126.9	124.2	141.6
1957	151.2	132.7	84.0	137.5	147.1	168.4	130.2	126.1	124.2	137.4
1958	141.8	106.1	75.9	137.2	153.0	168.4	123.7	115.4	115.6	134.1
1959	149.4	126.9	87.7	136.7	155.1	168.4	130.1	120.7	122.6	142.2
1959: November	156.1	145.8	95.9	136.4	155.1	168.4	132.4	123.9	125.5	144.1
December	156.1	145.8	95.9	136.4	155.1	168.4	133.2	125.3	127.4	144.1
1960: January	156.1	145.8	95.9	136.4	155.1	168.4	134.0	126.8	129.4	144.1
February	156.1	143.7	94.5	136.4	155.1	168.4	133.9	126.8	129.4	143.9
March	156.1	132.8	85.4	136.4	155.1	174.6	133.9	126.8	129.3	143.8
April	156.1	132.8	85.4	140.2	155.4	175.0	132.1	124.4	124.4	143.8
May	156.1	129.1	85.7	140.2	155.4	175.0	132.7	126.7	125.0	143.4
June	151.4	120.3	77.7	140.2	155.4	175.0	131.3	126.7	121.3	142.6
July	151.4	108.2	71.4	140.2	155.4	175.0	131.3	126.7	121.3	142.6
August	151.4	106.8	71.4	140.2	155.4	175.0	131.5	126.7	121.3	143.1
September	147.7	106.8	71.4	140.2	155.4	171.9	131.5	126.7	121.3	143.1
October	121.5	109.8	73.9	140.2	155.4	171.9	r130.8	126.7	121.3	r141.5
November	142.2	109.8	73.9	140.2	155.4	171.9	130.8	126.7	121.3	141.5
	Percent change									
November 1959-60	-9	-25	-23	+3	(1)	+2	-1	+2	-3	-2

Period	Metals and metal products—Con.								Machinery and motive products	
	Heating equipment					Fabricated structural metal products				
							Roofing**			
	Group index*	Steam and hot water	Warm air furnaces	Fuel burning equipment	Water heaters, domestic	Metal doors, sash and trim	Steel	Corrugated aluminum	Elevators and escalators	Fans and blowers, except portable
1955	115.0	134.3	121.3	105.2	109.1	139.4	.....	.....	120.8	149.0
1956	119.0	139.6	126.3	108.9	107.8	145.6	.....	.....	128.3	166.0
1957	122.1	146.7	128.2	113.3	106.8	140.6	.....	.....	138.3	176.3
1958	121.2	150.9	122.8	116.0	101.9	141.8	102.3	96.5	139.3	180.4
1959	121.7	154.8	123.5	115.7	99.5	135.2	105.2	96.3	139.5	182.5
1959: November	121.5	154.7	123.4	115.2	99.0	134.2	106.5	96.3	140.0	182.2
December	121.6	155.4	123.2	114.8	99.0	134.2	106.5	96.3	140.0	182.2
1960: January	120.9	155.4	122.5	114.8	97.2	134.5	106.5	99.4	140.0	182.2
February	120.3	155.4	121.9	115.1	94.9	134.6	106.5	100.9	140.0	182.5
March	120.1	155.4	122.0	115.4	93.8	134.8	106.5	100.9	140.0	182.5
April	120.1	155.4	122.0	115.4	93.9	132.6	106.5	100.9	140.0	182.5
May	120.2	155.6	121.8	115.4	93.9	131.6	106.5	100.9	139.9	182.5
June	120.0	155.6	121.9	115.8	92.6	131.8	106.6	100.9	139.9	182.5
July	118.7	154.7	121.3	115.8	88.8	131.8	106.6	100.9	140.3	182.5
August	118.8	154.8	121.6	115.8	88.8	131.8	106.6	104.3	140.3	184.2
September	119.3	154.8	121.6	116.1	r 90.7	131.8	106.6	106.1	140.3	183.5
October	119.3	154.8	121.6	116.1	90.7	131.8	106.6	106.1	140.3	183.5
November	118.4	154.8	119.3	116.1	89.4	132.0	106.6	106.1	140.3	183.5
	Percent change									
November 1959-60	-3	(1)	-3	+1	-10	-2	(1)	+10	(1)	+1

See footnotes at end of table.

Table E-2: Indexes of Wholesale Prices of Materials Used in Construction, by Selected Groups and Commodities—Con.

(1947-49=100 unless otherwise noted)

Period	Nonmetallic minerals—structural								
	Flat glass		Concrete ingredients			Concrete products			
	Plate	Window	Group index	Sand, gravel and crushed stone	Portland cement	Group index	Building block	Concrete pipe	Ready-mixed concrete**
1955	134.7	136.9	124.8	119.1	131.4	118.6	112.2	137.9	.....
1956	141.6	142.4	130.6	122.6	139.7	123.0	115.6	144.1	.....
1957	145.7	145.9	136.0	126.5	146.9	126.4	118.5	148.8	.....
1958	145.2	145.5	139.0	128.8	150.6	128.1	117.7	152.8	100.4
1959	144.7	145.3	140.3	129.9	152.2	129.7	117.5	159.1	101.6
1959: November	145.0	145.3	140.4	130.2	152.1	130.3	118.6	159.2	102.0
December	145.0	145.3	140.4	130.2	152.1	130.4	118.6	160.3	102.0
1960: January	145.0	145.3	142.0	130.5	155.1	130.5	119.1	160.3	102.0
February	145.0	145.3	142.0	130.5	155.2	131.1	120.1	160.3	102.4
March	145.0	145.3	142.1	130.7	155.2	131.0	120.1	160.3	102.3
April	145.0	145.3	142.1	130.8	155.2	131.3	120.4	160.6	102.6
May	137.3	135.8	142.1	130.8	155.2	131.5	120.4	160.6	102.7
June	137.3	135.8	142.1	130.7	155.2	131.3	120.4	160.5	102.6
July	137.3	135.8	142.1	130.8	155.2	131.3	120.4	160.5	102.5
August	137.3	135.8	142.2	131.0	155.1	131.1	120.4	159.4	102.5
September	137.3	141.2	142.2	131.0	155.1	131.0	120.4	160.1	102.3
October	137.3	141.2	142.1	130.8	155.1	131.0	120.4	160.1	102.2
November	137.3	141.2	142.1	130.7	155.1	131.0	120.4	160.1	102.3
	Percent change								
November 1959-60	- 5	- 3	+ 1	(1)	+ 2	+ 1	+ 2	+ 1	(1)

Period	Nonmetallic minerals—structural—Con.								
	Structural clay products				Gypsum products				Prepared asphalt roofing
	Group index*	Building brick	Clay tile	Clay sewer pipe	Group index	Lath	Wallboard	Plaster, base coat	
1955	126.4	125.3	122.9	139.4	122.1	118.7	121.1	127.8	106.1
1956	133.2	132.9	127.2	149.3	127.1	123.5	124.9	136.2	111.7
1957	135.0	134.7	127.5	156.3	127.1	123.8	124.9	136.2	122.3
1958	135.9	135.6	128.6	158.2	132.1	127.8	129.5	143.2	112.8
1959	139.1	139.0	130.7	163.8	133.1	128.6	130.4	144.6	116.4
1959: November	139.7	139.4	131.3	164.8	133.1	128.6	130.4	144.6	113.6
December	139.9	139.9	131.3	164.8	133.1	128.6	130.4	144.6	113.6
1960: January	140.7	140.6	132.5	164.8	133.1	128.6	130.4	144.6	113.6
February	140.9	140.6	133.1	164.8	133.1	128.6	130.4	144.6	107.6
March	140.9	140.6	133.1	164.8	133.2	128.6	130.5	144.6	107.6
April	140.9	140.6	133.1	164.8	133.2	128.6	130.5	144.6	106.6
May	141.3	141.2	133.1	165.4	133.2	128.6	130.5	144.6	106.6
June	141.3	141.3	133.1	165.4	133.2	128.6	130.5	144.6	106.6
July	141.4	141.3	133.1	165.8	133.2	128.6	130.5	144.6	106.6
August	141.7	141.6	133.6	165.8	133.2	128.6	130.5	144.6	106.6
September	141.9	141.7	133.6	167.0	133.2	128.6	130.5	144.6	106.6
October	141.9	141.7	133.6	167.0	133.2	128.6	130.5	144.6	106.6
November	141.9	141.7	133.6	167.0	133.2	128.6	130.5	144.6	106.6
	Percent change								
November 1959-60	+ 2	+ 2	+ 2	+ 1	(1)	0	(1)	0	- 6

See footnotes at end of table.

Table E-2: Indexes of Wholesale Prices of Materials Used in Construction, by Selected Groups and Commodities–Con.

(1947-49=100 unless otherwise noted)

Period	Nonmetallic minerals–structural–Con.			Furniture and other household durables			
	Other						
	Group index*	Insulation materials	Asbestos cement shingles	Kitchen cabinets, metal, base only	Linoleum, inlaid	Asphalt floor tile	Rubber floor tile
1955	121.7	106.6	136.8	131.7	120.4	96.5	107.7
1956	125.3	101.5	146.8	138.1	126.1	106.3	110.6
1957	130.5	102.8	155.1	145.1	126.7	100.8	113.2
1958	134.1	103.9	160.8	151.3	128.6	97.2	114.9
1959	136.6	103.1	166.0	151.9	130.3	99.4	114.9
1959: November	136.9	102.9	167.0	152.7	130.5	101.5	114.9
December	136.9	102.9	167.0	152.7	130.5	101.5	114.9
1960: January	137.5	102.9	168.4	152.8	135.3	101.5	114.9
February	139.3	102.9	172.8	152.8	135.3	101.5	114.9
March	139.3	102.9	172.8	152.8	134.2	101.5	114.9
April	140.8	105.7	172.8	152.8	134.2	101.5	114.9
May	141.2	106.5	172.8	152.8	134.2	101.5	114.9
June	141.2	106.5	172.8	152.8	134.2	101.5	114.9
July	141.2	106.5	172.8	150.6	134.2	101.5	114.9
August	141.2	106.5	172.8	150.6	134.2	101.5	114.9
September	140.9	105.8	172.9	150.6	134.2	101.5	114.9
October	r 142.0	r 104.4	r 177.6	150.6	134.2	101.5	114.9
November	139.4	99.5	177.6	150.6	134.2	101.5	114.9
	Percent change						
November 1959-60	+ 2	- 3	+ 6	- 1	+ 3	0	0

Source: Department of Labor, Bureau of Labor Statistics. *Includes items not shown separately. **Introduced Jan. 1958. Jan. 1958=100. [1] Change of less than one-half of 1 percent. [r] Revised.

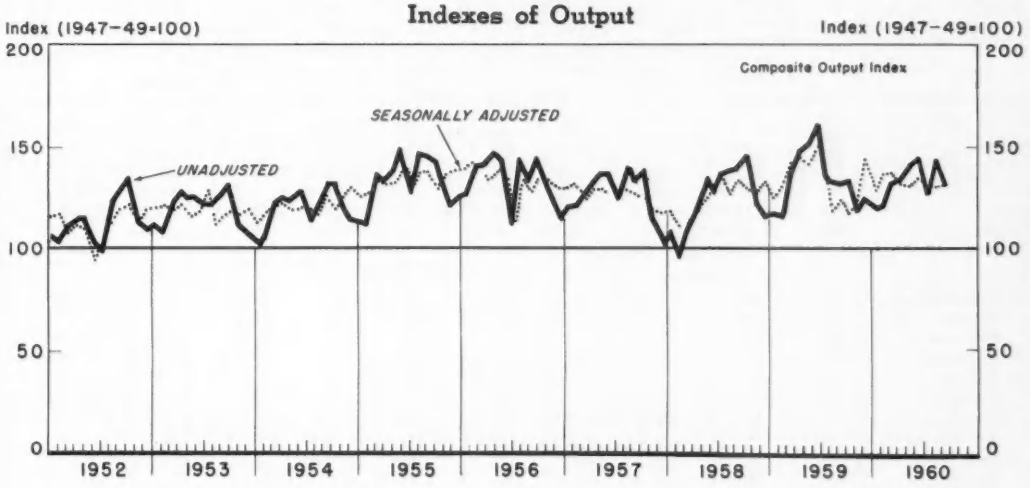
Tables E-3 and E-4, Union Hourly Wage Scales for Selected Building Trades, are shown quarterly in the March, June, September, and December issues.

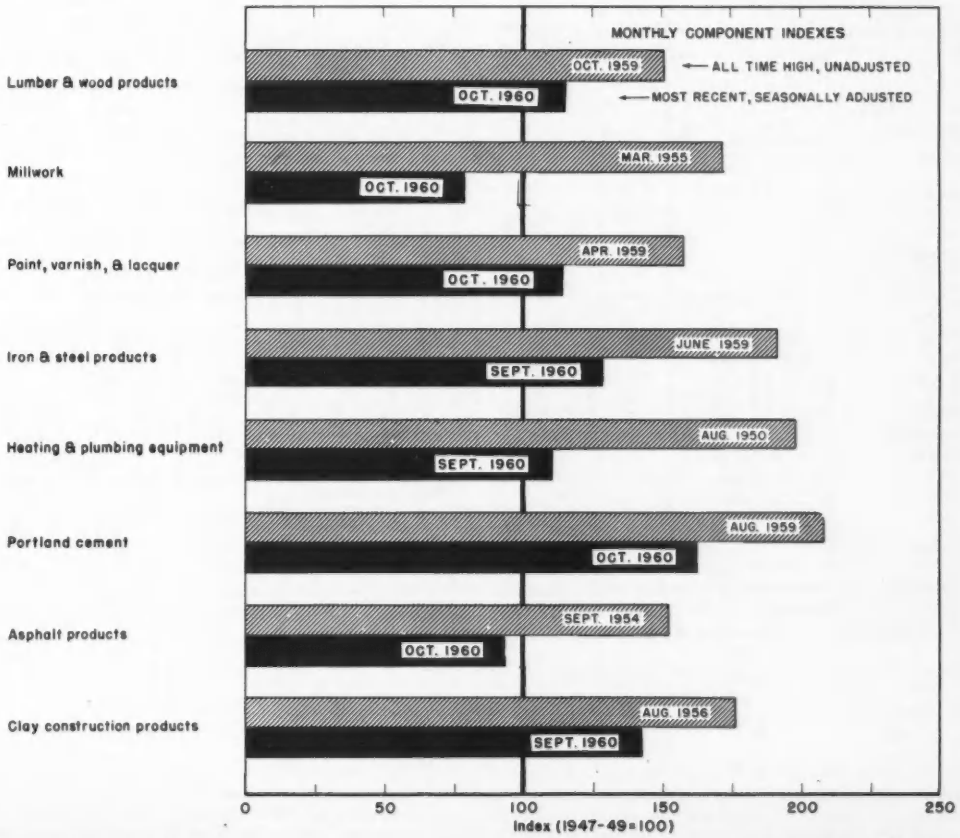
Part F.—Construction Materials

Chart 4.

Construction Materials

Indexes of Output





SOURCE: DEPARTMENT OF COMMERCE.

CONSTRUCTION REVIEW C.D. 60-10-T

Table F-1.–Construction Materials: Indexes of Output, Unadjusted and Seasonally Adjusted
(1947-49=100)

Period	Composite	Lumber and wood products	Millwork	Paint, varnish and lacquer	Iron and steel products	Heating and plumbing equipment	Portland cement	Asphalt products	Clay construction products	Gypsum products	Plumbing fixtures
	Annual averages										
1955	132.5	126.6	149.7	117.2	135.0	147.0	147.9	112.4	154.2	178.2	139.8
1956	133.6	128.0	132.9	117.2	141.6	137.1	157.7	101.8	160.0	170.4	128.5
1957	125.7	115.7	118.8	117.4	143.0	120.0	148.5	96.5	133.2	154.4	114.1
1958	r124.9	121.9	108.4	r120.3	r123.6	r126.6	r155.3	102.6	132.3	172.5	117.9
1959	r133.9	137.0	121.9	r129.7	116.3	142.2	169.0	105.7	149.0	203.4	146.1
	Unadjusted indexes										
1959: September	r131.0	145.5	140.4	r134.1	64.1	172.6	195.0	132.5	164.8	228.7	145.3
October	r132.2	150.8	126.0	r126.0	65.2	177.7	186.2	147.1	168.7		
November	117.4	130.4	92.5	r103.5	87.7	126.4	156.1	80.7	151.3	190.7	149.5
December	124.3	130.2	78.1	r103.5	125.4	116.2	144.2	64.8	146.2		
1960: January	119.4	127.2	79.9	115.6	125.6	94.4	112.4	59.0	128.0		
February	120.8	133.3	94.0	117.9	115.6	117.9	96.8	74.8	128.6	168.9	140.9
March	132.4	142.8	107.7	139.9	125.0	125.1	110.9	82.4	139.9		
April	135.3	137.3	104.0	145.3	129.0	119.3	162.6	84.5	144.6		
May	141.7	142.0	99.2	148.0	134.1	113.4	191.6	107.3	151.8	r200.1	137.9
June	145.4	138.6	110.8	153.4	143.3	133.4	187.8	121.5	153.7		
July	r127.6	115.8	89.5	136.8	125.0	107.9	191.3	122.1	138.5		
August	r145.6	142.0	111.7	145.3	135.7	r138.8	199.0	136.3	157.6	203.8	124.2
September	137.0	133.1	104.9	130.5	127.7	145.5	186.2	134.4	147.6		
October	n.a.	129.9	92.6	120.1	n.a.	n.a.	188.1	120.1	n.a.	.....	.....
	Percent change										
September 1959-60	+5	-9	-25	-3	+99	-16	-5	+1	-10	[1] -11	[1] -15
Aug.-Sept., 1960	-6	-6	-6	-10	-6	+5	-6	-1	-6	[2] +2	[2] -10
	Seasonally adjusted indexes										
1959: September	r124.5	140.9	125.7	r133.8	64.5	131.7	174.3	115.5	158.9	.....	.....
October	r116.0	133.8	108.5	r119.7	59.1	138.6	160.8	115.7	147.1	.....	.....
November	r122.9	137.4	98.0	r120.6	88.7	128.8	156.7	93.2	146.0	.....	.....
December	r144.2	155.6	93.3	r130.4	132.7	151.3	153.2	102.7	154.9	.....	.....
1960: January	127.2	133.2	90.8	120.0	131.2	107.9	138.3	72.5	142.4	.....	.....
February	136.7	150.1	98.8	121.2	129.2	135.4	140.3	91.3	159.4	.....	.....
March	137.1	149.5	116.3	145.1	123.5	133.7	125.5	90.1	152.2	.....	.....
April	133.1	132.7	103.7	140.5	126.8	122.4	164.7	83.7	147.0	.....	.....
May	132.1	129.3	101.8	134.1	126.7	118.0	169.0	111.2	144.8	.....	.....
June	136.3	132.1	103.4	140.7	128.9	136.5	171.8	114.7	149.4	.....	.....
July	r132.2	121.4	98.2	127.6	141.7	113.9	186.5	103.2	132.9	.....	.....
August	r132.1	126.9	91.3	132.9	131.0	r124.4	171.7	103.3	142.2	.....	.....
September	131.3	128.8	93.9	130.2	128.5	111.0	166.4	117.2	142.3	.....	.....
October	n.a.	115.3	79.8	114.1	n.a.	n.a.	162.4	94.5	n.a.	.....	.....
	Percent change										
August-September 1960	-1	+1	+3	-2	-2	-11	-3	+13	([3])	.....	.....

Table compiled by the Department of Commerce (BDSA) from data reported by various government agencies and by private firms as shown in the tables following in Part F. n.a.–Not yet available. r Revised. [1] 3rd quarter 1959-60. [2] 2nd quarter-3rd quarter 1960. [3] Change of less than one-half of 1 percent.

Table F-2: Lumber and Wood Products: Production, Shipments, and Stocks

Period	Softwood lumber[1] (Million board feet)			Hardwood flooring[1] (Thousand board feet)			Douglas fir plywood[2] (million square feet)	Insulating boards[3] (Tons)	Hardboard (Tons)
	Production	Shipments	Stocks*	Production	Shipments	Stocks*	Production		
1955	30,293	30,198	5,386	1,268,104	1,258,914	70,045	4,947	1,092,890	529,558
1956	30,661	29,964	6,087	1,166,446	1,117,010	114,074	5,191	1,102,012	539,981
1957	26,758	26,952	5,894	953,706	947,023	107,028	5,378	994,000	569,000
1958	27,381	27,665	5,613	927,294	922,789	99,111	6,340	1,026,790	608,623
1959	29,709	29,582	5,766	1,034,098	1,022,299	95,470	7,752	1,114,896	825,876
1959: October	2,671	2,518	5,420	93,985	87,322	82,277	742	99,084	78,422
November	2,299	2,075	5,643	80,379	72,515	87,645	666	76,729	65,004
December	2,387	2,266	5,766	81,167	73,217	95,470	610	76,043	60,657
1960: January	2,127	2,047	5,847	76,581	74,725	96,058	713	82,795	68,226
February	2,356	2,161	6,059	75,334	71,969	98,250	678	81,253	71,420
March	2,564	2,340	6,283	82,065	74,789	105,401	703	86,387	73,632
April	2,451	2,432	6,316	77,614	75,732	107,308	677	87,903	73,126
May	2,580	2,574	6,322	80,655	75,822	112,366	678	94,349	66,793
June	2,563	2,516	6,368	79,699	83,748	108,317	635	94,117	61,064
July	2,082	2,069	6,145	66,176	66,796	105,542	546	89,144	57,810
August	2,574	2,476	6,238	81,648	83,017	102,427	681	95,972	r 65,315
September	2,396	2,331	6,302	79,473	79,126	100,697	635	91,171	r 66,855
October	2,178	2,122	6,353	77,340	73,944	102,840	n. a.	89,816	71,747
	Percent change								
October 1959-60	– 18	– 16	+ 17	– 18	– 15	+ 25	– 1	– 9	– 9
12 mos. ending October 1959-60	– 3	– 7	.....	– 8	– 10	.....	+ 7	– 5	+ 3

Table compiled by Department of Commerce (BDSA). Sources: [1] National Lumber Manufacturers Association; [2] Douglas Fir Plywood Association (monthly data are estimated from quarterly totals); [3] Department of Commerce, Bureau of the Census. *As of end of period. r Revised. n. a. -- Not available.

Table F-3: Shipments of Millwork Products and Production of Paint, Varnish, and Lacquer

Period	Millwork products				Paint, varnish, and lacquer[2]
	Ponderosa pine doors[1]	Hardwood doors[1]	Sash[1]	Exterior frames[1]	
	Shipments (Thousands of units)				Production for trade sales (Thousands of gallons)
1955	[3] 2,253	[3] 6,786	[3] 12,734	[3] 7,260	312,510
1956	[3] 2,035	[3] 6,404	[3] 10,551	[3] 5,680	312,541
1957	2,028	5,611	9,887	5,273	313,128
1958	1,829	4,308	9,432	6,247	r 320,800
1959	2,474	4,613	11,049	7,118	r 346,000
1959: October	221	377	1,059	623	r 28,000
November	173	292	768	408	r 23,000
December	145	254	614	338	r 23,000
1960: January	139	265	587	356	25,700
February	179	315	668	397	26,200
March	199	371	650	471	31,100
April	195	336	658	498	32,300
May	161	321	700	486	32,900
June	188	325	824	602	34,100
July	118	289	596	485	30,400
August	170	348	850	577	32,300
September	157	367	725	467	29,000
October	163	300	716	418	26,700
	Percent change				
October 1959-60	–26	– 20	– 32	– 33	– 5
12 mos. ending October 1959-60	– 21	– 20	– 28	– 25	+ 1

Table compiled by Department of Commerce (BDSA) Sources: [1] National Wood Work Manufacturers Association (whose data are from member firms only and are not adjusted to represent full coverage); [2] Department of Commerce, Bureau of the Census. [3] Production Special tabulations prepared by the source agency indicate only minor differences between production and shipments. See note to table F-3 in the April 1959 issue. r Revised.

Table F-4: Iron and Steel Products: Shipments, Bookings, and Backlog

(Thousands of tons)

Period	Selected steel mill products[1]						Cast-iron pipe[2] and fittings		Rigid steel conduit[3]	Fabricated structural steel[4]		
	Line pipe	Concrete reinforcing bars	Galvanized sheets	Nails	Piling	Rails	Pressure	Soil	Domestic sales billed	Shipments	Bookings	Backlog*
	Shipments											
1955	3,084	2,164	2,864	651	391	1,234	1,682	870	281	3,659	4,651	1,029
1956	3,376	2,518	2,958	557	433	1,300	1,747	818	359	3,780	4,736	1,313
1957	4,219	2,300	2,393	447	570	1,283	1,351	758	353	4,180	3,073	1,125
1958	2,608	2,034	2,827	418	440	580	1,278	789	327	3,664	2,773	1,135
1959	2,803	2,174	2,771	392	341	632	1,441	865	295	2,904	3,223	1,194
1959: October	(5)	(5)	(5)	(5)	(5)	(5)	140	69	10	195	244	984
November	136	163	197	34	20	12	96	60	12	181	260	1,162
December	268	213	302	44	44	59	92	51	31	236	366	1,194
1960: January	283	185	323	43	46	106	87	57	34	209	221	1,199
February	234	140	290	34	37	81	76	50	26	241	289	1,269
March	245	165	296	23	41	90	119	69	16	287	345	1,339
April	270	192	288	26	26	96	136	75	21	285	270	1,299
June	273	210	276	77	44	75	145	80	23	333	268	1,276
July	243	183	239	23	35	47	121	67	21	301	270	1,258
August	246	233	227	29	33	39	139	84	23	332	262	1,227
September	229	208	215	27	[r] 30	20	135	71	24	324	260	1,183
October	162	229	210	25	36	20	n. a.	n. a.	24	314	220	1,180
	Percent change											
October 1959-60	.....	.....	.....	.....	.....	.....	6 – 5	6 – 6	+ 143	+ 61	– 10	+ 20
12 mos. ending October 1959-60	.....	.....	.....	.....	.....	.....	7 – 4	7 –11	– 9	+ 10	+ 11	.....

Table compiled by Department of Commerce (BDSA). Sources: [1] American Iron and Steel Institute; [2] Department of Commerce, Bureau of the Census; [3] National Electric Manufacturers Association; [4] American Institute of Steel Construction, Inc. *Scheduled for fabrication in the next 4 months. [5] No data available because of the steel strike. [6] September 1959-60. [7] 12 months ending September 1959-60. n.a.–Not available. [r] Revised.

Table F-5: Heating and Plumbing Equipment: Shipments and Stocks

(In thousands of units, except as noted)

Period	Gas water heaters		Cast-iron convectors and radiators (Thousand sq. ft.)		Furnaces				Residential oil burners, sold separately
					Warm air (all types and fuels)		Floor and wall		
	Shipments	Stocks*	Shipments	Stocks*	Shipments	Stocks*	Shipments	Stocks*	Shipments
1955	2,634	188	30,863	4,884	1,406	208	615	73	610
1956	2,712	134	29,567	3,810	1,355	218	492	70	532
1957	2,825	79	24,892	3,482	1,131	183	469	65	425
1958	2,914	83	22,350	3,182	1,248	170	485	49	382
1959	2,808	73	19,937	3,112	1,415	152	575	52	430
1959: September	247	69	2,725	3,859	173	204	62	55	49
October	280	53	2,720	3,270	175	180	72	52	49
November	203	42	2,196	2,869	122	165	54	45	30
December	195	105	1,479	5,181	88	183	39	50	20
1960: January	202	49	1,151	3,483	78	175	28	56	26
February	202	64	1,363	3,654	80	202	28	58	27
March	231	77	1,483	4,213	83	230	34	64	23
April	203	77	1,212	4,648	87	252	36	70	23
May	193	69	1,247	4,908	88	265	34	74	24
June	238	89	1,471	4,976	107	275	33	82	21
July	241	57	1,348	4,334	99	260	34	80	19
August	262	49	1,769	3,763	132	245	48	95	27
September	213	58	2,114	3,366	147	226	54	73	40
	Percent change								
September 1959-60	– 14	– 16	– 22	– 13	– 15	+ 11	– 12	+ 32	– 17
12 mos. ending Sept. 1959-60	– 12	.....	– 17	.....	– 9	.....	– 14	.....	– 21

Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census. *As of end of period.

Table F-6: Plumbing Fixtures: Production, Shipments, Stocks

(Thousands of units)

Period	Lavatories				Water closets				Flush tanks, vitreous china	Urinals, vitreous china
	Total	Vitreous china	Cast-iron	Steel	Total	Syphon jet	Wash-down	Reverse trap		
	Production									
1955	4,175	2,156	1,668	352	4,678	542	2,059	2,077	4,112	160
1956	3,946	2,272	1,365	309	4,922	634	2,132	2,156	4,088	179
1957	3,580	2,119	1,201	260	4,338	485	1,836	2,017	3,651	183
1958	3,677	2,136	1,286	255	4,031	493	1,752	1,785	3,445	143
1959	4,488	2,638	1,565	285	5,235	554	2,192	2,489	4,626	175
1959: 3rd quarter	1,099	655	371	74	1,353	138	585	630	1,179	39
4th quarter	1,221	710	445	66	1,415	153	576	687	1,244	49
1960: 1st quarter	1,160	682	412	66	1,268	151	482	635	1,095	51
2nd quarter	1,134	652	422	61	1,255	120	526	608	1,072	44
3rd quarter	956	586	308	62	1,189	103	510	576	1,058	37
	Percent change									
3rd quarter 1959-60	-13	-11	-17	-16	-12	-25	-13	-9	-10	-5
12 mos. ending September 1959-60	+5	+3	+11	-14	+4	-1	(1)	+8	+2	+9
	Shipments									
1955	3,985	2,110	1,540	334	4,596	534	2,021	2,041	4,025	157
1956	3,865	2,191	1,366	309	4,681	593	2,029	2,059	3,923	173
1957	3,565	2,036	1,264	265	4,223	486	1,820	1,918	3,556	168
1958	3,752	2,180	1,301	271	4,236	484	1,814	1,938	3,639	157
1959	4,390	2,585	1,531	274	5,094	555	2,120	2,418	4,471	177
1959: 3rd quarter	1,155	679	406	70	1,382	150	575	656	1,209	48
4th quarter	1,090	651	375	64	1,268	131	529	608	1,120	43
1960: 1st quarter	976	581	335	59	1,099	122	441	536	969	42
2nd quarter	1,160	698	394	67	1,405	125	567	713	1,261	44
3rd quarter	1,024	599	353	72	1,129	138	460	531	967	48
	Percent change									
3rd quarter 1959-60	-11	-12	-13	+3	-18	-8	-20	-19	-20	0
12 mos. ending September 1959-60	-1	(1)	-1	-9	(1)	-5	-3	+3	(1)	+2
	Stocks*									
1955	493	204	237	53	226	52	86	88	244	15
1956	586	298	236	53	479	94	185	200	419	21
1957	606	386	173	47	592	94	202	296	515	37
1958	534	347	158	29	382	103	129	150	325	30
1959	623	399	189	34	511	102	189	220	474	27
1959: 3rd quarter	493	341	120	32	365	80	144	141	351	21
4th quarter	623	399	189	34	511	102	189	220	474	27
1960: 1st quarter	815	504	266	45	678	130	228	321	598	36
2nd quarter	784	451	294	39	526	125	185	216	404	37
3rd quarter	712	435	248	30	585	90	235	260	499	27
	Percent change									
2nd qtr.-3rd qtr. 1960	-9	-4	-16	-23	+11	-28	+27	+20	+24	-27
3rd quarter 1959-60	+44	+28	+107	-6	+60	+13	+63	+84	+42	+29

See footnotes at end of table.

Table F-6: Plumbing Fixtures: Production, Shipments, Stocks—Con.

(Thousands of units)

Period	Kitchen sinks			Wash sinks	Service sinks	Sink and laundry tray comb.	Laundry trays	Bathtubs			Shower stalls, including receptors
	Total‡	Cast-iron	Steel					Total	Cast-iron	Steel	
	Production										
1955	2,728	1,142	1,583	18	98	176	147	2,467	1,794	673	217
1956	2,231	907	1,321	25	102	102	122	2,108	1,491	617	225
1957	1,931	778	1,149	28	94	85	96	1,873	1,301	572	206
1958	2,058	804	1,253	26	109	80	75	2,114	1,409	705	181
1959	2,287	896	1,388	20	100	82	76	2,577	1,754	823	190
1959: 3rd quarter	562	221	340	6	26	24	17	628	411	217	51
4th quarter	537	228	308	6	23	19	22	626	445	180	41
1960: 1st quarter	595	225	370	6	28	21	21	592	421	170	46
2nd quarter	557	219	337	6	23	14	16	585	415	170	59
3rd quarter	522	170	351	6	26	13	14	497	329	168	56
	Percent change										
3rd quarter 1959-60	- 7	- 23	+3	0	0	- 46	- 18	- 21	- 20	- 23	+10
12 mos. ending September 1959-60	- 3	- 1	-3	+16	+1	- 15	+ 1	- 9	- 4	- 19	+ 9
	Shipments										
1955	2,634	1,065	1,567	19	96	162	136	2,339	1,678	661	216
1956	2,242	921	1,318	24	99	108	123	2,087	1,486	602	219
1957	1,971	820	1,147	28	96	90	96	1,930	1,341	589	209
1958	2,130	818	1,311	24	104	83	77	2,161	1,464	697	182
1959	2,286	876	1,407	23	102	77	78	2,504	1,678	826	188
1959: 3rd quarter	589	221	367	6	27	21	19	682	450	232	52
4th quarter	524	206	317	6	23	18	20	555	377	179	38
1960: 1st quarter	526	194	331	5	25	16	18	489	339	150	47
2nd quarter	582	224	358	6	27	15	17	648	469	179	59
3rd quarter	526	168	357	7	30	16	17	507	325	182	55
	Percent change										
3rd quarter 1959-60	- 11	- 24	- 3	+17	+11	- 24	- 11	- 26	- 28	- 22	+6
12 mos. ending September 1959-60	- 6	- 8	- 4	+ 2	+ 4	- 19	- 4	- 12	- 10	- 17	+6
	Stocks*										
1955	417	181	235	4	15	33	22	268	205	62	14
1956	397	168	228	6	18	20	17	288	211	77	17
1957	350	126	223	6	16	15	13	228	171	57	13
1958	271	113	158	8	21	12	10	184	118	66	12
1959	267	129	138	5	19	17	9	258	195	63	12
1959: 3rd quarter	254	106	147	5	18	17	7	187	125	61	9
4th quarter	267	129	138	5	19	17	9	258	195	63	12
1960: 1st quarter	352	159	192	6	22	21	12	369	278	92	12
2nd quarter	326	154	171	7	17	20	11	307	224	83	12
3rd quarter	323	157	165	6	13	17	9	292	228	64	13
	Percent change										
2nd qtr.-3rd qtr. 1960	- 1	+ 2	- 4	- 14	- 24	-15	- 18	- 5	+ 2	-23	+ 8
3rd quarter 1959-60	+ 27	+48	+12	+ 20	- 28	0	+ 29	+ 56	+ 82	+ 5	+ 44

Table compiled by Department of Commerce (BDSA) from data reported by Bureau of the Census. Differences between these data and those presented in the article on pp. 11-14 of the October issue, except for kitchen sinks and laundry trays, are less than 5 percent and are due to variances in coverage and definition. Data on kitchen sinks and laundry trays are expected to be reconciled in the near future. *As of end of period. ‡Includes items not shown separately. [1] Change of less than one-half of 1 percent.

Table F-7.—Portland Cement: Production and Shipments in the United States and Puerto Rico; Destination of Shipments by Geographic Division; Stocks

(Thousands of barrels)

Period	Production	Total shipments*	Destination of shipments*									Stocks**
			New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	
1955	296,829	296,275	11,843	44,814	60,030	32,650	35,299	14,646	35,432	12,843	39,607	17,536
1956	316,465	311,571	13,234	45,273	66,433	32,920	37,156	15,268	35,916	14,178	43,098	22,412
1957	297,801	291,741	12,773	41,413	61,858	28,772	36,272	14,251	33,078	14,384	40,522	28,550
1958	311,319	309,650	10,679	42,287	63,650	34,867	37,979	14,908	37,622	16,717	43,340	30,800
1959	338,537	337,966	10,522	44,744	68,886	37,294	44,823	17,421	40,623	18,045	47,281	31,328
1959: October	31,127	32,523	1,003	4,528	7,525	4,030	3,882	1,578	3,371	1,563	4,317	r 23,913
November	26,100	22,219	783	3,043	3,080	1,777	3,453	1,135	2,861	1,158	3,552	27,794
December	24,111	20,577	641	2,429	3,387	1,807	3,260	1,079	2,772	1,183	3,332	31,328
1960: January	18,787	12,909	400	1,817	1,393	574	2,418	652	1,863	782	2,440	37,088
February	16,182	14,698	420	1,930	1,812	772	2,514	814	2,096	969	2,774	38,666
March	18,538	17,812	476	2,033	2,082	893	2,526	934	3,062	1,394	3,759	39,163
April	27,185	27,638	933	3,900	4,860	2,576	3,929	1,668	3,586	1,617	3,823	38,542
May	32,033	30,468	1,001	4,438	6,227	3,074	4,095	1,632	3,565	1,732	3,903	40,085
June	31,390	34,363	1,120	5,115	7,869	3,937	4,287	1,699	3,529	1,786	4,143	37,667
July	31,982	32,964	1,064	4,635	7,946	4,215	3,854	1,672	3,114	1,629	4,035	36,685
August	33,270	36,623	1,131	4,994	8,979	4,979	4,196	1,859	3,283	1,907	4,479	33,258
September	31,130	33,866	975	4,110	8,455	4,827	3,587	1,724	r 3,464	1,842	4,158	30,509
October	31,449	33,179	1,044	4,218	8,345	4,432	4,021	1,630	2,909	1,658	4,178	28,725
	Percent change											
October 1959-60	+ 1	+ 2	+ 4	− 7	+ 11	+ 10	+ 4	+ 3	− 14	+ 6	− 3	+ 20
12 months ending—October 1959-60	− 5	− 6	− 5	− 4	− 4	− 9	− 5	− 3	− 13	− 3	− 6	.....

Table compiled by Department of Commerce (BDSA) from data reported by Department of Interior, Bureau of Mines. * Data on shipments to Alaska, Hawaii, and foreign countries and data on finished cement used in the manufacture of prepared masonry cement are included in total shipments but are excluded from regional data. ** As end of period. r Revised.

Table F-8.—Shipments of Asphalt Products and Gypsum Products

Period	Asphalt products (thousands of squares)[1]				Gypsum products[2] (million square feet)	
	Prepared roofing	Siding	Insulated brick siding	Saturated felts[3]	Board	Lath
1955	62,582	1,288	2,195	34,629	4,946	2,940
1956	57,590	1,208	2,055	29,774	4,824	2,675
1957	53,326	1,036	1,764	30,761	4,505	2,224
1958	58,228	1,040	1,616	31,840	5,263	2,155
1959	59,528	935	1,516	34,225	6,343	2,346
1959: October	7,216	122	145	3,669		
November	3,752	76	93	2,220	1,501	529
December	2,866	51	59	2,053		
1960: January	2,632	52	46	1,865		
February	3,322	63	56	2,394	1,338	456
March	3,746	56	72	2,496		
April	4,017	48	89	2,282		
May	5,268	62	106	2,703	r 1,603	515
June	5,981	72	132	2,988		
July	6,002	78	112	3,090		
August	6,738	84	142	3,333	.....	.....
September	6,770	96	125	3,165		
October	5,951	101	117	2,918	1,628	531
	Percent change					
October 1959-60	− 18	− 17	− 19	− 20	[4] − 8	[4] − 22
12 mos. ending—October 1959-60	− 4	− 13	− 26	− 7	[5] − 4	[5] − 14

Table compiled by Department of Commerce (BDSA). Sources: [1] Department of Commerce, Bureau of the Census; [2] Department of Interior, Bureau of Mines (quarterly). [3] Includes data for tar saturated as well as asphalt saturated felts. [4] 3rd quarter 1959-60. [5] 12 mos. ending September 1959-60. r Revised.

Table F-9.–Clay Construction Products: Production and Shipments

Period	Brick, common and face (million brick)		Structural clay tile (thousand tons)		Vitrified clay sewer pipe (thousand tons)		Hollow facing tile (million brick equivalent)		Floor and wall tile, glazed and unglazed (thousand square feet)	
	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments
1955	7,902	7,741	935	929	2,112	2,056	534	522	233,001	232,802
1956	8,085	7,382	862	750	2,154	2,039	576	535	245,996	227,369
1957	6,658	6,306	687	641	1,836	1,629	465	441	216,552	211,635
1958	6,489	6,459	574	543	1,773	1,772	484	453	221,768	215,710
1959	7,336	7,258	551	521	2,025	1,973	445	412	258,631	252,545
1959: September	692	690	48	46	186	194	38	35	23,388	22,282
October	695	654	49	44	191	186	39	38	24,720	23,956
November	620	543	48	35	161	146	35	31	23,080	20,612
December	572	464	38	34	166	131	35	30	23,037	20,411
1960: January	479	351	39	34	145	107	28	26	21,528	18,685
February	476	370	36	34	149	106	29	27	21,665	18,417
March	525	391	36	36	160	116	33	27	23,246	20,273
April	600	644	44	50	159	175	31	32	21,473	19,188
May	651	673	45	50	167	177	34	37	21,247	20,417
June	651	686	47	47	184	191	36	38	20,549	22,108
July	609	625	46	45	165	180	35	36	17,095	19,361
August	674	665	46	45	187	199	41	40	20,483	21,049
September	627	610	40	40	170	187	39	37	19,883	19,864
	Percent change									
September 1959-60	– 9	– 12	– 16	– 12	– 8	– 4	+ 2	+ 7	– 15	– 11
12 mos. ending Sept. 1959-60	– 1	– 9	– 9	– 10	(1)	– 3	– 11	– 8	+ 4	(1)

Table compiled by Department of Commerce (BDSA). [1] Change of less than one-half of 1 percent.

Table F-10, Imports and Exports of Selected Construction Materials, which was formerly published quarterly, will appear annually in the June issue.

Part G.—Contract Construction Employment

Table G-1.–Number of Employees by Type of Contractor

Period	All contractors*	Building contractors							Nonbuilding contractors		
		All building contractors	General contractors	Special trades					All nonbuilding contractors	Highway and street	Other heavy construction
				All special trades	Plumbing and heating	Painting and decorating	Electrical work	Other trades			
	Number of employees *(in thousands)*										
1955	2,759	2,243	922.6	1,320.8	317.0	162.3	168.4	673.1	516	232.4	284.0
1956	2,929	2,336	970.0	1,366.0	328.7	170.9	186.2	680.2	593	257.9	335.3
1957	2,808	2,222	869.3	1,352.7	321.7	164.2	188.9	677.9	586	250.1	335.6
1958	2,648	2,079	750.6	1,328.6	303.6	169.6	173.2	682.2	569	256.0	313.2
1959	2,788	2,183	757.9	1,424.7	310.5	201.4	174.2	738.6	584	271.2	312.7
1959: October	2,985	2,327	801.6	1,524.9	322.6	228.4	181.1	792.8	634	309.5	324.0
November	2,877	2,269	764.8	1,504.6	314.5	222.0	180.1	788.0	587	270.8	316.6
December	2,719	2,181	725.5	1,455.2	308.6	204.9	176.3	765.4	518	220.5	297.0
1960: January	2,472	2,016	660.5	1,355.1	296.6	183.5	171.0	704.0	437	170.0	267.3
February	2,408	1,960	638.7	1,321.7	287.5	178.2	169.3	686.7	429	167.5	261.4
March	2,331	1,896	609.8	1,286.6	281.2	179.9	165.3	660.2	416	161.5	254.8
April	2,611	2,088	705.4	1,382.7	291.1	196.3	170.0	724.3	502	222.0	279.7
May	2,853	2,236	774.2	1,461.9	304.2	222.0	176.5	759.2	594	284.2	310.1
June	3,002	2,334	816.8	1,517.6	311.3	234.2	187.9	784.2	643	315.0	328.1
July	3,125	2,439	857.9	1,580.6	315.5	251.6	199.6	813.9	659	320.1	338.7
August	3,157	2,469	857.3	1,611.7	321.6	255.9	206.7	827.5	661	322.9	338.0
September	r3,095	r2,431	r836.7	r1,594.5	r327.3	r245.1	r202.2	r819.9	r638	r314.0	r323.9
October	r3,031	2,389	812.4	1,576.1	319.3	235.3	199.6	821.9	619	306.9	311.8
November	**2,874										
	Percent change										
Sep.-Oct. 1960	- 2.1	- 1.7	- 2.9	- 1.2	- 2.4	- 4.0	- 1.3	+.2	- 3.0	- 2.3	- 3.7
12 mos. ending in October 1959-60	(1)	+3.1	+.1	+4.7	- 1.3	+11.7	+5.4	+5.3	- 4.4	- 5.9	- 3.2

Source: Department of Labor, Bureau of Labor Statistics. *Beginning with January 1959 data includes estimated data for Alaska and Hawaii. No estimates are available by type of contractor. **Preliminary estimate, not available by type of contractor. Percent change: October-November 1960, -5.2. November 1959-60, -.1. [1] Calculations will not be made until December 1960 totals are compiled when comparable 50-state, 12-month moving totals will be available. rRevised.

Table G-2 –Number of Employees, Seasonally Adjusted

(In thousands)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
1948	2,120	2,015	2,065	2,105	2,136	2,184	2,199	2,212	2,220	2,229	2,249	2,251	2,169
1949	2,222	2,171	2,146	2,128	2,124	2,130	2,157	2,176	2,197	2,192	2,190	2,141	2,165
1950	2,119	2,101	2,105	2,173	2,236	2,337	2,405	2,451	2,473	2,502	2,517	2,471	2,333
1951	2,526	2,521	2,569	2,593	2,596	2,613	2,633	2,641	2,630	2,653	2,606	2,620	2,603
1952	2,599	2,624	2,588	2,586	2,597	2,645	2,658	2,672	2,682	2,648	2,650	2,632	2,634
1953	2,647	2,669	2,653	2,638	2,613	2,598	2,588	2,596	2,612	2,632	2,623	2,626	2,622
1954	2,533	2,583	2,600	2,614	2,603	2,599	2,591	2,594	2,586	2,584	2,618	2,615	2,593
1955	2,624	2,618	2,703	2,759	2,813	2,823	2,829	2,813	2,810	2,777	2,760	2,750	2,759
1956	2,768	2,802	2,834	2,891	2,964	3,079	2,984	3,007	2,980	2,951	2,926	2,917	2,929
1957	2,798	2,831	2,859	2,855	2,891	2,899	2,847	2,805	2,782	2,763	2,710	2,679	2,808
1958	2,652	2,455	2,573	2,624	2,698	2,698	2,693	2,711	2,698	2,698	2,690	2,550	2,648
1959	2,650	2,626	2,719	2,829	2,787	2,799	2,800	2,814	2,776	2,762	2,792	2,800	2,767
1960	2,775	2,781	2,601	2,752	2,783	2,790	2,858	2,835	r2,800	r2,806	2,787		
	Percent change, 1959 to 1960												
	+4.7	+5.9	- 4.3	- 2.7	- .1	- .3	+2.1	+.7	r+.9	r+1.6	-.2		

Source: Department of Labor, Bureau of Labor Statistics. Note: Data for Alaska and Hawaii are not included. rRevised.

Table G-3.—Indexes of Aggregate Weekly Construction Worker Man-Hours
(1947-49 =100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
1948	89.6	81.3	86.7	95.0	102.2	111.9	115.1	117.3	116.2	113.3	106.6	105.4	103.4
1949	94.2	88.9	89.2	95.0	103.1	106.8	110.5	114.2	111.5	111.4	104.4	94.9	102.0
1950	84.6	79.5	83.7	95.8	106.1	116.7	122.1	129.5	126.1	128.9	123.9	112.7	109.1
1951	106.4	99.3	105.4	116.9	126.4	131.8	137.7	141.1	138.5	139.8	124.2	121.6	124.1
1952	111.1	112.3	108.3	117.5	125.4	136.8	138.9	143.2	144.0	139.9	128.2	123.9	127.5
1953	109.1	108.7	109.1	115.8	122.6	130.4	132.0	137.2	131.7	136.7	126.7	117.2	123.1
1954	95.5	102.8	106.4	113.5	120.3	128.0	131.4	134.0	128.6	128.6	123.3	114.4	118.9
1955	101.4	98.6	108.4	115.8	129.8	137.0	144.0	144.3	146.6	138.3	125.6	121.1	125.9
1956	108.1	108.5	109.2	123.6	136.4	152.6	151.5	157.1	155.4	151.1	137.6	128.9	135.0
1957	105.6	112.2	114.8	122.3	131.9	141.2	143.2	145.5	141.3	137.0	120.2	112.9	127.3
1958	102.4	85.9	98.9	109.1	122.7	128.1	132.1	137.9	136.1	135.3	123.8	105.7	118.2
1959	99.7	92.0	103.7	119.0	129.2	138.9	140.1	146.1	136.5	133.7	123.3	118.9	123.4
1960	101.6	98.5	94.9	114.3	126.3	135.5	142.9	144.9	r139.3	r138.7	121.2		
	Percent change, 1959 to 1960												
	+1.9	+7.1	-8.5	-4.0	-2.2	-2.4	+2.0	-.8	r+2.1	r+3.7	-1.7		

Source: Department of Labor, Bureau of Labor Statistics. Note: Data for Alaska and Hawaii are not included. r Revised.

Chart 5.

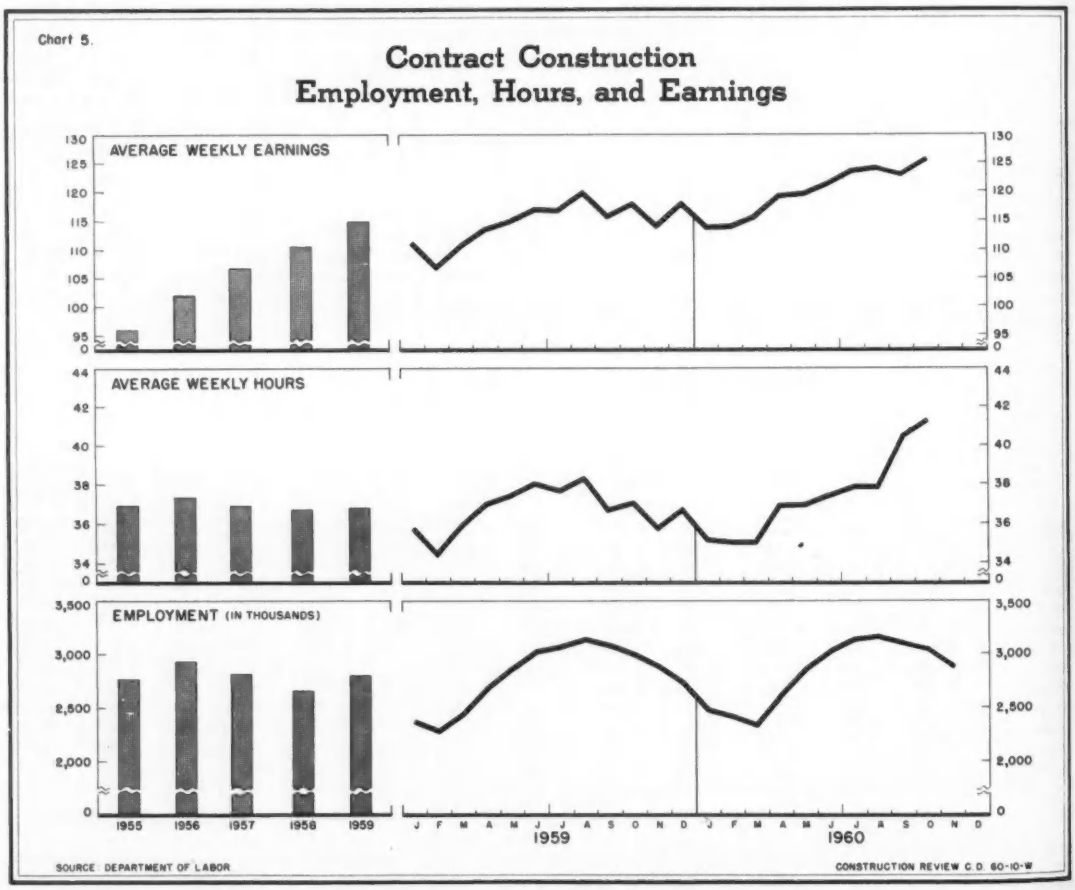


Table G-4.—Hours and Gross Earnings of Construction Workers, by Type of Contractor

Period	All contractors	Building contractors							Nonbuilding contractors		
		All building contractors	General contractors	Special trades					All nonbuilding contractors	Highway and street	Other heavy construction
				All special trades	Plumbing and heating	Painting and decorating	Electrical work	Other trades			
	Average weekly earnings										
1955	$95.94	$96.29	$90.22	$100.83	$106.40	$94.38	$116.52	$96.21	$95.11	$91.27	$98.50
1956	101.83	101.92	95.04	107.16	112.31	99.81	125.22	102.39	101.59	97.63	104.94
1957	106.64	106.86	98.89	112.17	118.87	103.75	132.10	106.30	105.07	98.66	110.15
1958	110.47	110.67	102.53	115.28	123.23	107.95	135.97	109.31	109.47	104.14	114.26
1959	114.82	115.28	106.39	120.27	128.56	113.40	142.08	113.80	113.24	108.09	118.40
1959: October	117.66	117.72	109.85	122.38	130.79	115.17	144.38	116.49	117.74	113.03	123.01
November	113.88	114.14	103.93	120.04	129.08	113.86	142.51	113.23	110.87	104.80	116.74
December	117.81	119.13	108.78	124.53	133.32	115.87	148.19	118.27	113.47	103.88	120.87
1960: January	113.72	114.87	104.88	119.72	129.83	111.89	146.30	111.54	108.00	96.75	115.50
February	113.75	114.22	104.31	119.71	128.43	110.22	144.77	112.53	111.16	101.01	117.56
March	115.50	115.60	104.83	120.74	130.27	113.91	146.69	112.83	116.91	105.69	124.26
April	119.19	119.19	109.50	124.57	131.98	115.58	147.07	118.99	117.96	112.36	123.51
May	119.56	119.91	110.26	124.93	132.68	116.60	148.23	119.70	118.03	111.90	123.86
June	121.18	121.24	111.13	126.69	134.87	118.62	149.38	121.41	121.06	117.43	125.15
July	123.61	123.68	113.77	128.83	135.20	120.70	150.93	124.31	124.91	122.36	127.80
August	124.31	123.68	113.52	128.82	135.58	119.65	151.32	124.55	126.90	124.26	129.97
September	r123.13	r122.40	r112.73	r127.44	r134.61	r119.70	r151.70	r121.80	r126.42	r123.98	r128.88
October	125.50	124.81	114.98	129.56	137.52	122.45	152.48	123.87	128.95	126.72	131.75
	Average weekly hours										
1955	36.9	36.2	35.8	36.4	38.0	34.7	39.1	35.5	40.3	41.3	39.9
1956	37.3	36.4	36.0	36.7	38.2	34.9	39.5	35.8	40.8	41.9	39.4
1957	36.9	36.1	35.7	36.3	38.1	34.7	39.2	35.2	39.8	40.6	39.2
1958	36.7	35.7	35.6	35.8	37.8	34.6	38.3	34.7	40.1	41.0	39.4
1959	36.8	35.8	35.7	35.9	37.7	35.0	38.4	34.8	40.3	41.1	39.6
1959: October	37.0	36.0	35.9	36.1	37.8	34.9	38.5	35.3	40.6	41.1	40.2
November	35.7	34.8	34.3	35.1	37.2	34.4	37.8	33.9	38.9	39.4	38.4
December	36.7	36.1	35.9	36.2	38.2	34.9	39.1	35.2	39.4	39.2	39.5
1960: January	35.1	34.6	34.5	34.6	37.2	33.4	38.4	33.0	37.5	37.5	37.5
February	35.0	34.3	34.2	34.4	36.8	32.9	37.8	33.0	38.2	38.7	37.8
March	35.0	34.2	33.6	34.4	36.8	33.8	38.1	32.8	39.1	39.0	39.2
April	36.9	35.9	35.9	35.9	37.6	34.4	38.3	35.1	41.1	42.4	40.1
May	36.9	35.9	35.8	35.9	37.8	34.6	38.5	35.0	40.7	41.6	39.7
June	37.4	36.3	36.2	36.3	38.1	35.2	38.7	35.5	41.6	42.7	40.5
July	37.8	36.7	36.7	36.6	38.3	35.5	38.7	35.9	42.2	43.7	40.7
August	37.9	36.7	36.5	36.7	38.3	35.4	38.9	36.1	42.3	43.6	41.0
September	r37.2	r36.0	r35.9	r36.0	r37.6	r35.0	r38.7	r35.1	r42.0	r43.5	r40.4
October	37.8	36.6	36.5	36.6	38.2	35.7	38.7	35.8	42.7	44.0	41.3
	Average hourly earnings										
1955	$2.60	$2.66	$2.52	$2.77	$2.80	$2.72	$2.98	$2.71	$2.36	$2.21	$2.50
1956	2.73	2.80	2.64	2.92	2.94	2.86	3.17	2.86	2.49	2.33	2.63
1957	2.89	2.96	2.77	3.09	3.12	2.99	3.37	3.02	2.64	2.43	2.81
1958	3.01	3.10	2.88	3.22	3.26	3.12	3.55	3.15	2.73	2.54	2.90
1959	3.12	3.22	2.98	3.35	3.41	3.24	3.70	3.27	2.81	2.63	2.99
1959: October	3.18	3.27	3.06	3.39	3.46	3.29	3.75	3.30	2.90	2.75	3.06
November	3.19	3.28	3.03	3.42	3.47	3.31	3.77	3.34	2.85	2.66	3.04
December	3.21	3.30	3.03	3.44	3.49	3.32	3.79	3.36	2.88	2.65	3.06
1960: January	3.24	3.32	3.04	3.46	3.49	3.35	3.81	3.38	2.88	2.58	3.08
February	3.25	3.33	3.05	3.48	3.49	3.35	3.83	3.41	2.91	2.61	3.11
March	3.30	3.38	3.12	3.51	3.54	3.37	3.85	3.44	2.99	2.71	3.17
April	3.23	3.32	3.05	3.47	3.51	3.36	3.84	3.39	2.87	2.65	3.08
May	3.24	3.34	3.08	3.48	3.51	3.37	3.85	3.42	2.90	2.69	3.12
June	3.24	3.34	3.07	3.49	3.54	3.37	3.86	3.42	2.91	2.75	3.09
July	3.27	3.37	3.10	3.52	3.53	3.40	3.90	3.46	2.96	2.80	3.14
August	3.28	3.37	r3.11	3.51	3.54	3.38	3.89	3.45	3.00	2.85	3.17
September	r3.31	3.40	r3.14	3.54	r3.58	3.42	r3.92	3.47	r3.01	2.85	r3.19
October	3.32	3.41	3.15	3.54	3.60	3.43	3.94	3.46	3.02	2.88	3.19
	Percent change, October 1959-60										
Avg. weekly earnings	+6.7	+6.0	+4.7	+5.9	+5.1	+6.3	+5.6	+6.3	+9.5	+12.1	+7.1
Avg. weekly hours	+2.2	+1.7	+1.7	+1.4	+1.1	+2.3	+.5	+1.4	+5.2	+7.1	+2.7
Avg. hourly earnings	+4.4	+4.3	+2.9	+4.4	+4.0	+4.3	+5.1	+4.8	+4.1	+4.7	+4.2

Source: Department of Labor, Bureau of Labor Statistics. Note: Data for Alaska and Hawaii are not included. rRevised.

U. S. DEPARTMENT OF COMMERCE FIELD OFFICES

PROVIDE READY ACCESS TO COMMERCE SERVICES

● The Department of Commerce maintains Field Offices in the cities listed below for the purpose of providing ready access to the reports, publications, and services of the Business and Defense Services Administration, Office of Business Economics, Bureau of Foreign Commerce, Office of Area Development, and the Bureau of the Census. Information on certain activities of the National Bureau of Standards and the Patent Office are also available.

● Experienced personnel will gladly assist in the solution of specific problems, explain the scope and meaning of regulations administered by the Department, and provide practical assistance in the broad field of domestic and foreign commerce. Field offices act as official sales agents of the Superintendent of Documents and stock a wide range of official Government publications relating to business. Each office maintains an extensive business reference library containing periodicals, directories, publications, and reports from official as well as private sources.

● Approximately 700 Chambers of Commerce, Manufacturers Associations, and similar business groups are official Cooperative Offices of the Department where many of the basic publications and reports of the Department are on file and available for consultation. If specific information is not on hand in the Cooperative Office, your problem will be referred to the nearest Department field office.

● These facilities have been established to assist you. You are invited to use them.

DOMESTIC TRADE

Population Count and Characteristics;
Housing Statistics;
Detailed Agricultural Data on County Basis;
Retail, Wholesale and Service Business;
Estimates on Population Movements;
National Income Statistics;
Regional Trends in United States Economy;
Biennial Volume on Business Statistics;
Current Releases and Business Indicators;
Research Sources on Market Potentials;
Development and Maintenance of Markets;
Reports on Governmental and Private Technical Research;
Regional and Community Development Techniques;
Information on Government Procurement, Sales and Contracts.

FOREIGN TRADE

Tariff Rates of Foreign Countries on Specific American Products;
Regulations Bearing on the Control of Exchange Abroad;
Administration of Regulations Imposing Import Quotas and the Details of Import Licensing Procedures in Overseas Markets;
Facts on Economic and Trade Conditions;
Business Information on Foreign Firms;
Documentation of Export and Import Shipments, Both Here and Abroad;
Statistical Data on Both Imported and Exported Products;
Assistance on Export Regulations and Problems, Including Prompt Special Service in Emergency Situations;
Trade Investment and Licensing Opportunities;
Foreign Lists of Buyers and Suppliers.

Department Field Offices

Albuquerque, N. Mex., U. S. Courthouse, Phone: CHapel 7-0311.
Atlanta 3, Ga., 604 Volunteer Bldg., 66 Luckie St., NW. JAckson 2-4121.
Boston 9, Mass., U. S. Post Office and Courthouse Bldg. CApitol 3-2312.
Buffalo 3, N. Y., 504 Federal Bldg., 117 Ellicott St. TL 3-4216.
Charleston 4, S.C., Area 2, Sergeant Jasper Bldg., West End Broad St. Phone: RAymond 2-7771.
Cheyenne, Wyo., 207 Majestic Bldg., 16th St. and Capitol Ave. Phone: 634-2731.
Chicago 6, Ill., Room 1302, 226 W. Jackson Blvd. ANdover 3-3600.
Cincinnati 2, Ohio, 809 Fifth Third Bank Bldg., 36 East Fourth Street. DUnbar 1-2200. Ext. 344.
Cleveland 1, Ohio, Federal Reserve Bank Bldg., E. 6th St. and Superior Ave., CHerry 1-7900.
Dallas 1, Tex., Room 3-104 Merchandise Mart. RIverside 8-5611.
Denver 2, Colo., 142 New Customhouse. KEystone 4-4151.
Detroit 26, Mich., 438 Federal Bldg. WOodward 3-9330.
Greensboro, N. C., 407 U. S. Post Office Bldg. Phone: BRoadway 3-8234.
Houston 2, Tex., 610 Scanlan Bldg., 405 Main St. CApitol 2-7201.
Jacksonville 1, Fla., 425 Federal Bldg. ELgin 4-7111.
Kansas City 6, Mo., Room 2011, 911 Walnut St. BAltimore 1-7000.
Los Angeles 15, Calif., Room 450, 1031 S. Broadway. RIchmond 9-4711.
Memphis 3, Tenn., 212 Falls Bldg. JAckson 6-3426.
Miami 32, Fla., 408 Ainsley Bldg., 14 N.E. First Ave., FRanklin 7-2581.
Minneapolis 1, Minn., 319 Metropolitan Bldg. Federal 2-3211.
New Orleans 12, La., 333 St. Charles Ave. 529-2411.
New York 1, N. Y., Empire State Bldg. LOngacre 3-3377.
Philadelphia 7, Pa., Jefferson Bldg., 1015 Chestnut St. WAlnut 3-2400.
Phoenix, Ariz., 137 N. Second Ave. ALpine 8-5851.
Pittsburgh 22, Pa., 107 Sixth St. GRant 1-5370.
Portland 4, Oreg., 217 Old U.S. Courthouse & P.O. Bldg. CApitol 6-3361.
Reno, Nev., 1479 Wells Ave. Phone: 2-7133.
Richmond 19, Va., 309 Parcel Post Bldg. MIlton 4-9471.
St. Louis 1, Mo., 910 New Federal Bldg. MAin 1-8100.
Salt Lake City 1, Utah, 222 SW. Temple St. EMpire 4-2552.
San Francisco 11, Calif., Room 419 Customhouse. YUkon 6-3111.
Savannah, Ga., 235 U. S. Courthouse and P. O. Bldg. ADams 2-4755.
Seattle 4, Wash., 809 Federal Office Bldg., 909 First Ave. MUtual 2-3300.

INDEX TO TABLES

Do you offer construction or engineering services that are marketable overseas?

Do you have products that can be sold abroad?

The Department of Commerce Field Offices are equipped with extensive information about:

★ MARKETS ABROAD
★ PLANNED CONSTRUCTION
★ ECONOMIC CONDITIONS
★ FOREIGN DEVELOPMENT PLANS

Assistance in export expansion that can be obtained through the Field Offices includes:

- FINDING markets abroad
- LOCATING business partners abroad such as agents, distributors, etc.
- FURNISHING business information on foreign firms
- PROVIDING specific business opportunities abroad
- ADVISING on the types of business organizations to be set up abroad
- EXPLAINING the documentation required to make export shipment
- INFORMING commercial offices at U. S. Foreign Service Posts of impending visits by U. S. businessmen

Consult the nearest Field Office (shown on p. 48) on these and many other foreign trade matters on which they can be of assistance.